VERBAL INTELLIGENCE SECTION

Super Excellent Academic & Intelligence

ختم نبوت ﷺ زندہ باد　　　　　　　　　　　　　　　　　عظمت صحابہ زندہ باد

السلام علیکم ورحمۃ اللہ وبرکاتہ:

معزز ممبران: آپ کا وٹس ایپ گروپ ایڈمن "**اردو بکس**" آپ سے مخاطب ہے۔

آپ تمام ممبران سے گزارش ہے کہ:

❖ گروپ میں صرف PDF کتب پوسٹ کی جاتی ہیں لہذا کتب کے متعلق اپنے کمنٹس / ریویوز ضرور دیں۔ گروپ میں بغیر ایڈمن کی اجازت کے کسی بھی قسم کی (اسلامی وغیر اسلامی، اخلاقی، تحریری) پوسٹ کرنا سختی سے منع ہے۔

❖ گروپ میں معزز، پڑھے لکھے، سلجھے ہوئے ممبرز موجود ہیں اخلاقیات کی پابندی کریں اور گروپ رولز کو فالو کریں بصورت دیگر معزز ممبرز کی بہتری کی خاطر ریموو کر دیا جائے گا۔

❖ کوئی بھی ممبر کسی بھی ممبر کو انباکس میں میسج، مس کال، کال نہیں کرے گا۔ رپورٹ پر فوری ریموو کر کے کاروائی عمل میں لائے جائے گی۔

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❖ اگر کسی کو بھی گروپ کے متعلق کسی قسم کی شکایت یا تجویز کی صورت میں ایڈمن سے رابطہ کیجئے۔

❖ سب سے اہم بات:

گروپ میں کسی بھی قادیانی، مرزائی، احمدی، گستاخِ رسول، گستاخِ امہات المؤمنین، گستاخِ صحابہ و خلفائے راشدین حضرت ابو بکر صدیق، حضرت عمر فاروق، حضرت عثمان غنی، حضرت علی المرتضیٰ، حضرت حسنین کریمین رضوان اللہ تعالیٰ اجمعین، گستاخ اہلبیت یا ایسے غیر مسلم جو اسلام اور پاکستان کے خلاف پراپیگنڈا میں مصروف ہیں یا ان کے روحانی وذہنی سپورٹرز کے لئے کوئی گنجائش نہیں ہے لہذا ایسے اشخاص بالکل بھی گروپ جوائن کرنے کی زحمت نہ کریں۔ معلوم ہونے پر فوراً ریموو کر دیا جائے گا۔

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❖ عمران سیریز کے شوقین کیلئے علیحدہ سے عمران سیریز گروپ موجود ہے۔

❖ **لیڈیز کے لئے الگ گروپ کی سہولت موجود ہے جس کے لئے ویریفکیشن ضروری ہے۔**

❖ اردو کتب / عمران سیریز یا سٹڈی گروپ میں ایڈ ہونے کے لئے ایڈمن سے وٹس ایپ پر بذریعہ میسج رابطہ کریں اور جواب کا انتظار فرمائیں۔ برائے مہربانی اخلاقیات کا خیال رکھتے ہوئے موبائل پر کال یا ایم ایس کرنے کی کوشش ہر گز نہ کریں۔ ورنہ گروپس سے تو ریموو کیا ہی جائے گا بلاک بھی کیا جائے گا۔

نوٹ: ہمارے کسی گروپ کی کوئی فیس نہیں ہے۔ سب فی سبیل اللہ ہے

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اللہ تبارک تعالیٰ ہم سب کا حامی وناصر ہو

INTELLIGENCE

Intelligence is the capacity to learn or understand. Although intelligence is possessed by all people, it varies in amount for each person, and remains the same throughout life from approximately 18 years of age.

In psychology, intelligence is somewhat more narrowly defined as the capacity to acquire knowledge or understanding and to use it in novel situations. Under experimental conditions, the success of people in adjusting their behavior to the total situation or in meeting the challenge of the specific situation may be studied and, to some extent, measured in quantitative terms.

Psychologists believe that the capacities measured in testing or laboratory situations are necessary in everyday life, where individuals have to analyses or take in new sensory and mental information so that they can direct their actions towards desired goals. There are differing opinions, however, as to a precise definition of the comprehensiveness and functions of intelligence; for example, one school of thought considers it be a sum of specific abilities best displayed in specific situations.

In the formulation of intelligence tests, most psychologists tend to treat intelligence as a general ability operating as a common factor in a wide variety of special aptitudes. It is observed and measured by techniques focused upon these aptitudes singly or in combination.

IQ or Intelligence Quotient, measure of a person's intellect and understanding. IQ is assessed by tests. The first tests were devised by Binet and Simon in 1905, the aim of which was to identify children who might need a special education because of their low intelligence. Binet's test compared the score an individual child gained on the test with the average score obtained by children of a certain age. He expressed the IQ as a ratio of the child's chronological age and their mental age. For example, if a 10-year-old's score was that expected from an average 11-year-old, then his or her mental age would be said to be 11 and the IQ 110.

$$\frac{\text{Mental age}}{\text{Chronological age}} \times 100 = \text{IQ}$$

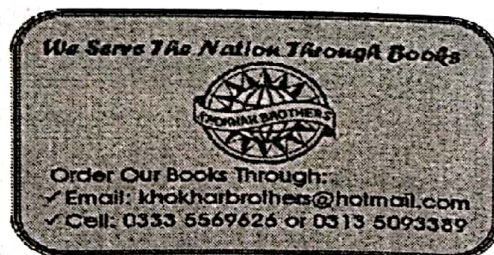
$$\text{ie} \quad \frac{11 \times 100}{10} = 110$$

The ratio of mental age to chronological age is not appropriate when measuring the IQ of an adult, as the differences in ability between the average 40-years-old and the average 44-years-old are not apparent. Therefore, a mental age no longer has any meaning. For this reason the ratio of mental age to chronological age is no longer in widespread use. In recent decades, both the validity and value of IQ tests have often been questioned.

Most tests now compare the score gained by an individual on a test with the range of scores obtained by a group of people of a similar age; the individual is then assigned an IQ score on this scale. For example, a person whose score is in the top 1 per cent of the population would have an IQ of above 145. Around 50 per cent of the populations achieve IQ, which is between 90 and 110. A score 70 means mental underdevelopment; over 130, god gifted.

An intelligence test is a collection of problems, arranged in order of increasing difficulty, which are required to be solved within specific time limits. The Governing principle of an intelligence test is that a more intelligent person will be able to solve more problems quickly and correctly than a less intelligent individual. The problems may be put in the form of letters, words, patterns, pictures or any other material suitable for the purpose, in order to find out whether the candidate can perceive and appreciate the relationship between different things, with in the given time.

In Pakistan Air Force, intelligence tests have three parts and have total 100 questions and you have 45 minutes to solve the 100 questions. Some questions are very easy and some are difficult so first of all solve the easy ones and less time consuming questions and then proceed to the difficult ones. The three parts of test are.

a) Verbal Intelligence Test (1 To 25)
b) Non Verbal Simple Test (26 To 50)
c) Non Verbal Pattern Test (51 To 100)

Verbal Intelligence Test

In the Verbal intelligence tests, the candidates are given approximately 25 questions to be answered. Although some of the questions are rather long and the total number appears to be high, they nevertheless call for generally one-word answers and can be easily tackled within the time limit. In order to score high marks, the candidate must listen carefully to the illustrations as they are explained by the psychologist or selection team conducting the examination. Once the problem is understood and the essentials grasped, the candidate will have no difficulty in finding the answers. Since the time is extremely limited, the candidate should not waste time on difficult problems, which take time for proper comprehension. The candidates must attempt all easy and known problems in the first instance reversing the more difficult ones to be tackled later. In this way they can score more marks than wasting time on difficult questions. Accuracy is another factor, which contributes considerably for high marks. It is batter to do one question rightly than attempting three questions incorrectly. The merely attempted questions and wrong answers do not carry any marks. It is therefore better to ensure that the answer given is right before rushing onto other questions in great haste.

We are giving some examples of verbal intelligence test and also explaining them.

1. Man is to Woman as Boy is to?

a) Child b) Baby c) Girl d) Youngster

The correct answer is c because the man has the same relationship with woman as boy has with girl.

2. What number comes next in the following series?

43 1 84 4 92

a) 1 b) 4 c) 18 d) 7

When 3 is subtracted from 4 the answer is 1 and when 4 is subtracted from 8 the answer is 4. Similarly when 2 will be subtracted from 9 the answer is 7, which is d choice.

3. What number comes next in the following series?

82 4 63 2 93

a) 1 b) 0 c) 3 d) 12

When 8 is divided by 2, the answer is 4, 6 divided by 3 answer is 2. Finally 9 divided by 3, the answer would be 3, which is choice c

4. Which of the following words does not belong?

strawberry, apple, pear, orange, apricot

a) Strawberry b). apple c). pear d).orange e) . apricot

The correct answer is strawberry has its seeds on the outside.

5. Which of the following does not belong?

brazil nuts, pine nuts, cashew nuts, hazelnuts

a) brazil nuts b) pine nuts c)cashew nuts d) hazelnuts the correct answer Hazelnuts are the only nuts, the rest are seeds.

6.Which number should come next in this series?

25,24,22,19,15 ?

a) 4 b) 5 c) 10 d) 14

The correct answer C .The pattern decreases progressively: -1, -2, -3, -4, -5

7. Day is to night as truth is to "Falsehood".
(In this sentence the missing word falsehood has been inserted)

8: Man is to run as bird is to ---------
Answers: Fly, Run, Weak (correct answer is Fly),

9. Complete the series:
2, 6, 9, 13, 16, --, --

In missing figure questions, a series of drawing or patterns or designs are arranged in the particular pattern and the candidate is asked to choose the required figures out of the choices indicated, which will come next in the series. These are the non-verbal types of tests.

10. Imagine a single letter which when added to the body of the following words forms entirely new words;
FIST, TICK, HEAT, BUST

Solution: The candidate will see that if the word R is added to each of the given words then new words will be; FIRST, TRICK, HEART, BURST Hence the answer is R

11. It takes 3 minutes to boil an egg. How much times will it take to boil 6 eggs together?
Choices: 18, 6, 3 Answer: 3

12. Insert suitable letters in the following:
(1)-ar-e (big) (2)quick-y (fast) (3)-h-rt (not tall)
(4)-m-ll (not big) (5)-LL-H (creator)
Answer: (2) L G (2)L (3)S O (4)S A (5)A

13. Write the number of the pair of the words which do not possess the same kind of meaning as the others?
(1)Honesty and Integrity (2)Bondage and Freedom
(3)Risk and Danger (4)Pain and Agony
Answer: (2)

14. If you start from point A and walk 5 miles towards the west, then turn right and walk 4 miles towards the north, then turn right again and walk 3 miles, then which choices mentions the direction in which you are going?
Choices: North, South, West, East
Answer: East

15. Write the number of the subject which is dissimilar from the other subjects;
Choices: Principal, Professor, Headmaster, Teacher, Students
Answer is 'Student'

16. if Y C V G T means W A T E R then what does H K T G mean?
Solution: In this question;
Y stands for W. C stands for A. V stands for T
G stands for E. T stands for R
A careful observation brings out that each letter in the alphabets stands for the letter two paces preceding it. Using the same principle, the letter H K T G will stand for F I R E.

17. 5 years ago, khalid was 10 years older then ali. What is the difference between their ages at present?
Choices: 10, 5, 15
Answer: 10

INTELLIGENCE TEST NO 1

1) Which of the following is different from the rest?

a) Invention b) Unearth c) Discover d) Find e) Locate

2) What will comes next in the following series?

$\frac{2}{4}$ $\frac{4}{16}$ $\frac{16}{256}$

a) $\frac{256}{65563}$ b) $\frac{255}{65536}$ c) $\frac{256}{65536}$ d) $\frac{256}{63555}$ e) $\frac{254}{65563}$

3) What number comes next in the following series?

2413 2420 2434 2462 2518

a) 2631 b) 2630 c) 2730 d) 2830 e) 2635

4) Which one is different from the rest?

a) Cow b) Hen c) Duck d) Bull e) Mare

5) In a class of 60 male and 35 female students 80 % class failed in Chemistry, 30 % in English then which one is true?

a) Only male are failed.
b) No Male are failed.
c) Both Male and Female students are failed.
d) Only Female are failed.

6) If Shoe is to Foot then Helmet is to ------------------

a) Steel b) Combat c) Baseball d) Heavy e) Head

7) What number comes next in the following series?

3 10 4 17 5

a) 25 b) 24 c) 26 d) 27 e) 29

8) What number comes next in the following series?

ABCD BCDE CDEF DEFG

a) EFGHI b) EFHG c) GHEF d) FGHE e) EFGH

9) What number comes next in the following?

LACK ——→ 9381 and CALK ——→ 8391 then what stands for CKAL?

a) 8139 b) 8319 c) 8913 d) 3819 e) 8193

10) Which one is different from the rest?

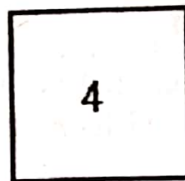
a) QS b) EH c) IL d) MP e) AD

11) If second of the following number is added to the shortest number and divided by the third number then the answer will be.

2 14 4

a) 2 b) 6 c) 4 d) 8 e) 10

12) What is missing number?

3 4 ?

a) 0 b) 3 c) 8 d) 6 e) 10

13) What is the next number in the following series?

4 8 24 96

a) 804 b) 408 c) 556 d) 664 e) 480

14) Which one of the following is different from the rest?

a) Heaven b) Town c) City d) Village e) Township

15) What number comes next in the following series?

AB DEF HIJK MNOPQ

a) STUVXW b) STVUWX c) TSUVWX d) STUVWX e)SUTVXW

16) March is to $\frac{31}{3}$ and June is to -----------

a) $\frac{30}{5}$ b) $\frac{31}{6}$ c) $\frac{30}{7}$ d) $\frac{28}{6}$ e) $\frac{30}{6}$

17) What digit is missing in the last number?

$\frac{834}{92}$ $\frac{438}{29}$ $\frac{236}{45}$ $\frac{63?}{54}$

a) 2 b) 3 c) 6 d) 5 e) 7

18) Which one of the following is different from the rest?

a) Infant b) Adult c) Child d) Newborn e) Baby

19) If CRATE is to EXCRATE then CUTE is to --------------

a) Charming b) Loving c) EXCUTE d) Smart e) Attractive

20) Which one of the following is different from the rest?

a) Separation b) Split c) Divide d) Gap e) Union

21) What number comes next in the following series?

$4\frac{3}{8}9$ 24 $13\frac{8}{10}3$ 34 $19\frac{10}{10}3$?

a) 42 b) 46 c) 44 d) 40 e) 48

22) What number comes next in the following series?

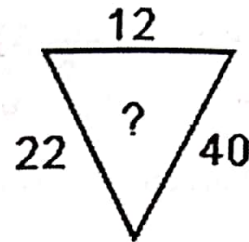
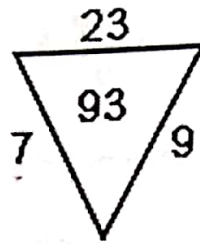
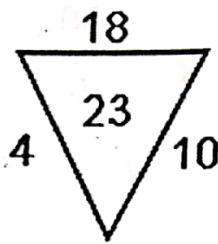
63 3 44 0 91

a) 9 b) 1 c) 7 d) 8 e) 3

23) What is the missing letter?

$8 + 3 - 4 = G$
$2 + 12 - 2 = L$
$22 + 4 - 3 = W$
$13 + 1 - 10 = ?$

a) E b) F c) D d) Q e) L

24) What is the missing letter?

a) 50 b) 48 c) 76 d) 74 e) 47

25) What number comes next in the following series?

E J N Q

a) R b) P c) K d) L e) S

Passed paper questions.

1)Choose the word that does not belong;
a) Celery b) banana c)pear d) pea **Answer (a)**

2)Choose the word that does not belongs to:
A)lung b)balloon C)fence d)parachute e)tire
Answer: (d)

3) Choose the word that does not belongs to:
a) Mile b)year c)Month d)Day **Answer (a)**

4) Choose the word that does not belongs to:
a)top b)side c)back d)front e)inside **Answer (b)**

5) Choose the word that does not belong:
a)hair drier b)saw c)alarm d)siren **Answer (b)**

6)Choose the word that does not belongs to:
a)happy b)annoyed c)pleased d)glad **Answer (b**

7)choose the word that does not belongs with:
a)swindle b)violin c) bugle d) harp d) guitar **Answer (a)**

8)Choose the word or term that does not belong:
a)theory b)opinion c)belief d)idea e)view **Answer (c)**

9)Choose the word that does not belongs to:
Amount b)quality c)cost d)fee e)price **Answer (b)**

10)Choose the word that does not belongs to:
a)father b)niece c)sister d)daughter **Answer (b**

INTELLIGENCE TEST NO 2

1) Which one is different from the rest?

a) Karachi b) Kabal c) Delhi d) Dhaka

2) If FEED is coded as 4332 then DEEF is coded as -----------

a) 2334 b) 4323 c) 3234 d) 4233

3) If FET is to TEF then TAR is to ---------------

a) RAT b) ART c) TRA d) TAR

4) My mother is your brother's sister what is I to you?

a) Cousin b) Nephew c) Uncle d) Brother

5) Kamal is older then Jamal, Jamal is older then Hussain, Hussain is older than Waqar, Who is the oldest.

a) Kamal b) Jamal c) Waqar d) Hussain

6) Which one of the following is different from rest?

a) High b) Great c) Fat d) Small e) Big

7) Forests are useful because

a) They help in building the economy.
b) They provide the picnic spots.
c) They are easy to grow.
d) They make the country beautiful.

8) Azra is older than Munir and Munir is younger than Javed then Azra is

a) Older than Javaid.
b) Just as old as javaid.
c) Younger than Javaid.
d) Can not Say what

9) What number comes next in the series?

62 3 84 2 93

a) 4 b) 3 c) 2 d) 1 e) 6

10) Sailor is to Air Force then Airman is to --------------

a) Shopkeeper b) Cobbler c) Navy d) Army

11) If Yesterday was Monday what day is after Tomorrow?

a) Saturday b) Monday c) Wednesday d) Thursday

12) Mountain is to High then train is to --------------

a) Length b) Speed c) Small d) Tall

13) What will come next in the following series?

$8 \quad 2 \quad \frac{1}{2} \quad \frac{1}{8}$

a) $\frac{1}{32}$ b) $\frac{1}{16}$ c) $\frac{1}{64}$ d) $\frac{1}{18}$

14) What will come next in the following series?

A C F

a) J b) H c) K d) I

15) Which one is different from the rest?

a) Melon b) Orange c) Carrot d) Mango

16) What will come next in the following series?

2 4 8 14

a) 22 b) 18 c) 19 d) 24

17) Murree is to Cold as Jackababad is to --------------

a) Ice b) Hot c) Snow d) Stream

18) Cars have Mirrors because?

a) To see the cars coming backwards.
b) To see the girls in the cars.
c) To see the different sights.
d) To see the cars which are ahead.

19) We get education because?

a) To polish ourselves in every aspect.
b) To earn money to live in this world.
c) To get jobs in good place.
d) To show others that we have degrees.

20) What will come next in the following series?

18 13 9 6

a) 4 b) 8 c) 2 d) 3

21) Which one is different from the rest?

a) February b) December c) June d) Monday

22) Which one is different from the rest?

a) Car b) Cart c) Aircraft d) Ship

23) What will come next in the following series?

34 24 16 10 6

a) 2 b) 4 c) 3 d) 7

24) What letter comes Alphabetically in the word FLUCTUATION?

a) I b) N c) U d) F

25) If CREEP is to CUP then GREEN is to --------------

a) Jug b) Gun c) Grass d) Gape

INTELLIGENCE TEST NO 3

1) Which one is different from the rest?

a) Relationship b) Kinship c) Friendship d) Spaceship

2) If FELLOW is coded as 465531 then ELLOW is coded as------------

a) 65531 b) 1356 c) 3561 d) 1653

3) Akmal and Jamal are brother, Anjum and Ajmal are their sons, what is the relational between Anjum and Ajmal?

a) Cousin b) Nephew c) Brother d) Uncle

4) What will come next in the following series?

32 6 43 12 64

a) 24 b) 28 c) 32 d) 43

5) Which one is different from the rest?

a) AC b) DG c) HK d) LO

6) What will come next in the following series?

Z3 X6 U9 Q12

a) L15 b) P20 c) Q22 d) R24

7) What will come next in the following series?

42 2 84 2 93

a) 3 b) 2 c) 6 d) 8

8) Which one is different from the rest?

a) AC b) CE c) EG d) GI e) IJ

9) What will come next in the following series?

E_0V E_1W E_2X E_3Y

a) E_4W b) E_4Z c) E_0P d) E_4Q

10) If A = 2, B = 4, C = 6 and so on then what word the following number stands for according to alpha batically?

8 10 10 32

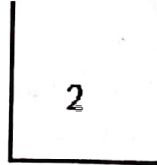
a) DEEP b) PEEP c) EPED d) EPPE

11) What will come next in the following series?

84 12 32

a) 6 b) 8 c) 5 d) 7

12) What will come next?

4 3 2 ?

a) 5 b) 6 c) 0 d) 7

13) What will come next in the following series?

43_1 53_2 74_3

a) 84_6 b) 84_5 c) 83_3 d) 84_4

14) Man is to Woman as Boy is to --------------

a) Brother b) Girl c) Father d) Daughter

15) What will come next in the following series?

2 3 8 63

a) 3968 b) 8663 c) 6938 d) 8369

16) What letter comes Alphabetically in order in the letter MOTHER?

a) M b) E c) H d) R

17) If FACE is coded as 6135 then ACE is coded as -----------

a) 135 b) 357 c) 657 d) 176

18) Which one is different from the rest?

a) Father b) Mother c) Brother d) Uncle

19) If BOX is to 3 then BOXER is to --------------

a) 5 b) 4 c) 7 d) 8

20) A grand Father is always -------------- then his Daughter.

a) Experienced b) Taller c) Wiser d) Heavier

21) What will come next in the following series?

$$\frac{425}{16} \quad \frac{61}{524} \quad \frac{345}{61}$$

a) $\frac{16}{534}$ b) $\frac{16}{543}$ c) $\frac{345}{16}$ d) $\frac{16}{345}$

22) What letter comes Alphabetically in order in the word DRAWING?

a) G b) W c) A d) D

23) What will come next?

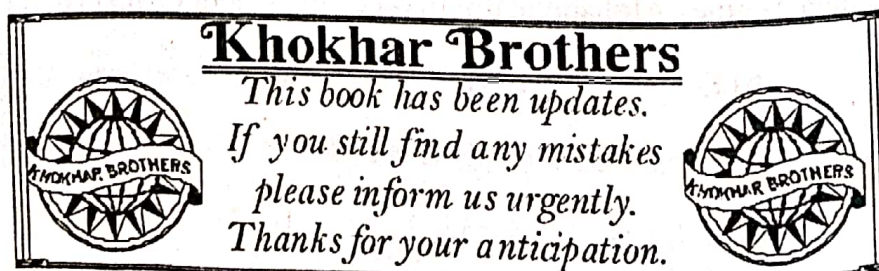
$7+2-1=H$
$22+6-5=W$
$11+6-2=?$

a) O b) N c) P d) M

24) If 1800' o clock is to 6' o clock then 1400' o clock is to -------- o clock.

a) 2 b) 3 c) 4 d) 5

25) If STEP is coded as 3165 then PETS is coded as ----------

a) 5613 b) 3165 c) 1635 d) 5163

INTELLIGENCE TEST NO 4

1) What will come next in the following series?

B D G K P

a) V b) R c) S d) E

2) Which one of the following is different from the rest?

a) Dagger b) Sword c) Knife d) Fork

3) Looking on a portrait, a man said. That's man's father is my father's son, I have no brother and sister what is He to Me?

a) Cousin b) Uncle c) Brother d) Son & Father

4) Add the number, which comes in the middle of the series to the largest number and divide it by the smallest no then answer will be

27 5 18 6 7

a) 11 b) 8 c) 15 d) 9

5) Which one is different from rest?

a) True b) Certain c) Vague d) Sure

6) SAW is to CUT as IRON is to --------------

a) PRESS b) METAL c) OVEN d) HARD

7) Which one of the following is different from the rest?

a) Two b) Four c) Twenty d) Five

8) Which one is different from the rest?

a) YARD b) FOOT c) KILOMETER d) LENGTH

9) HEAR is to EAR as CLOSE is to --------------

a) END b) LOSE c) DOOR d) BEGIN

10) Girls wear glasses because?

a) They have poor eyesight.
b) They want to look smart.
c) They have to go out side.
d) They want to show off.

11) 473982 is to 1419 and 329684 is to 1418 therefore 751694 is to?

a) 1319 b) 1913 c) 1391 d) 1931

12) Which is the odd one out?

bow, portal, rose, bay, lancet

a) lancet b) rose c) portal d) bow

13) 831 is to 25 as 731 is to ----?

a) 22 b) 25 c) 21 d) 18

14) WITHERS is to NECK as HOCK is to:

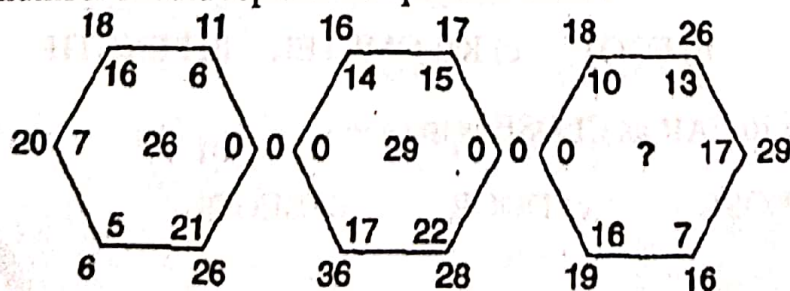
a) TAIL b) ANKLE c) MANE d) LEG e) HOOF

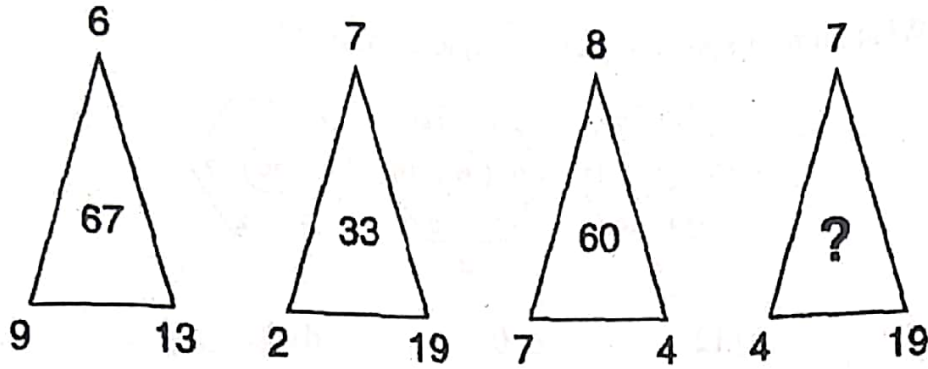
15) BILLY is to GOAT as JACK is to:

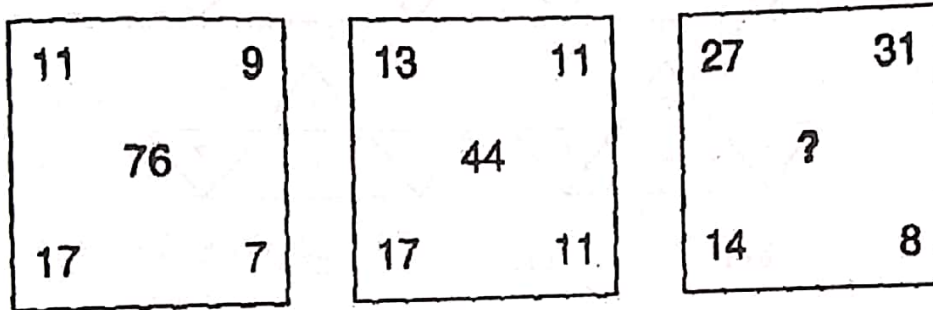
a) KANGAROO b) DEER c) DONKEY d) FERRET e) LION

16) 76 is to 13 as 78 is to ?

a) 12 b) 56 c) 15 d) 35

17) What number should replace the question mark?

a) 45 b) 31 c) 39 d) 54

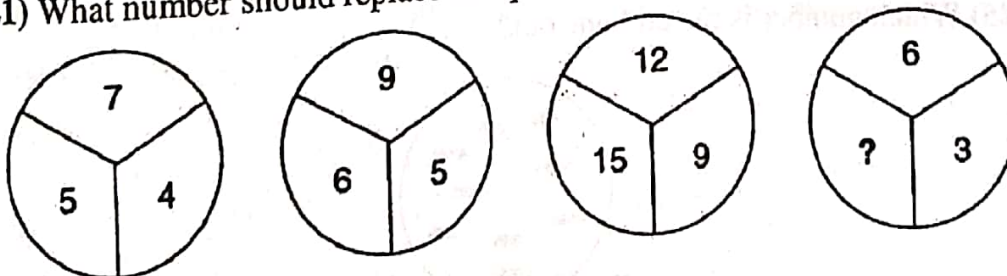
18) What number should replace the question mark?

a) 137 b) 28 c) 47 d) 9

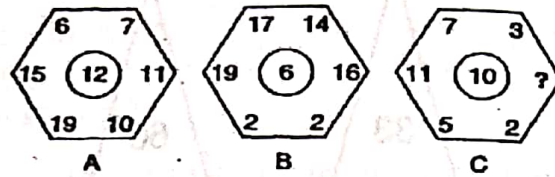
19) What number should replace the question mark?

a) 76 b) 216 c) 434 d) 218

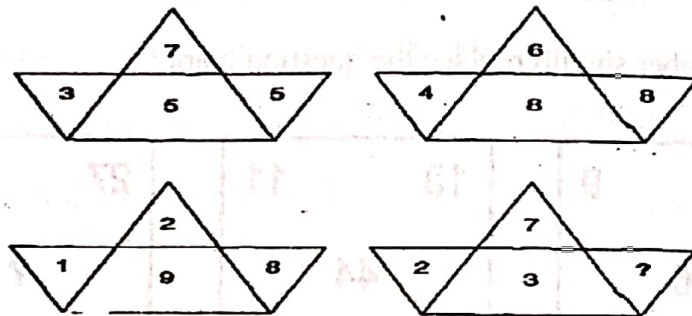
20) SUNDAY, MONDAY, TUESDAY, WEDNESDAY, THURSDAY, FRIDAY, SATURDAY

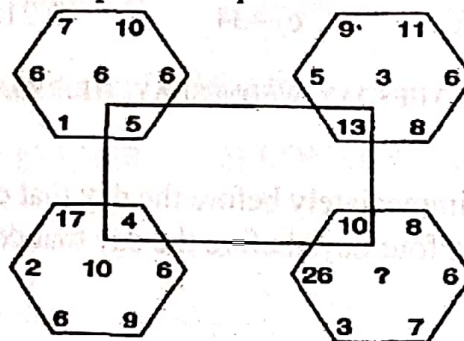
What day comes immediately before the day that comes two days after the day that comes four days before the day that comes immediately after Thursday?

a) Tuesday b) Monday c) Wednesday d) Saturday

21) What number should replace the question mark?

a) 9 b) 12 c) 6 d) 3

22) What number should replace the question mark?

a) 8 b) 12 c) 0 d) 4

23) What number should replace the question mark?

a) 4 b) 1 c) 5 d) 3

24) What number should replace the question mark?

a) 50 b) 10 c) 5 d) 33

25) Which number is the odd one out?

a) 983 b) 5163 c) 6741 d) 632

INTELLIGENCE TEST NO 5

1) What no comes next in the series?

13 15 17 19 21

a) 20 b) 26 c) 24 d) 23

2) Write the middle letter?

B C D E F G H

a) D b) E c) C d) F

3) Subtract 7 from 25 and divided the result by 3 if the answer is less than 10 write X, otherwise write Y (a) x (b)Y (c)None.

4) FLY is to AEROPLANE as SAIL is to --------------

a) SEA b) SHIP c) OCCAN d) CABIN

5) Aslam was 21 years old in 1945, how old will be He in 1965?

a) 43 b) 45 c) 41 d) 65

6) Subtract the smallest number from largest and divide the result by first number then answer will be

4 3 15

a) 3 b) 4 c) 15 d) 6

7) SAW is to SEED as REAP is to -------------

a) RAIN b) GRAIN c) CROP d) SUNSHINE

8) Divide the largest of these numbers by the difference of two smaller numbers then answer will be?

8 10 6

a) 7 b) 15 c) 5 d) 25

9) TIGHT is to LOOSE as HARD is to -------------

a) CABON b) STONE c) DIFFICULT d) SOFT

10) Which word does not belong to the list?

a) BLACKSMITH b) PROFESSOR c) TAILOR d) MASON

11) FISH is to SWIMMIMG as SNAKE is to ---------------

a) PUPPY b) JUMP c) CRAWLING d) CREEPING

12) Which word does not belong to the list?

a) MILE b) INCH c) FOOT d) YARD e) ACRE

13) CAT is to KITTEN as DOG is to ---------------

a) CUB b) PUPPY c) BABY d) DUCKLING

14) Which word does not belong to the list?

a) SHIP b) BUS c) TRAIN d) CAR e) TRAM

15) LIGHT is to EYE as SOUND is to ---------------

a) FOOT b) HEAR c) LEG d) EAR

16) Which word does not belong to the list?

a) LION b) WOLF c) LEOPARD d) LAMB e)TIGER

17) ACRE is to KANAL as SQUARE is to ---------------

a) MILE b) KANAL c) MARLA d) ACRE e) KARAM

18) Which word does not belong to the list?

a) SHIRT b) BOOT c) COAT d) TROUSER e) NECKTIE

19) HEAVY is to LIGHT as ROUGH is to ---------------

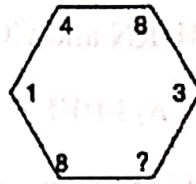
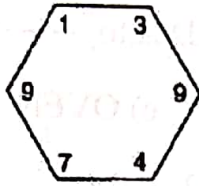
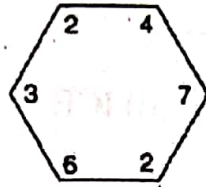
a) SOFT b) SMOOTH c) WOOD d) COARSE

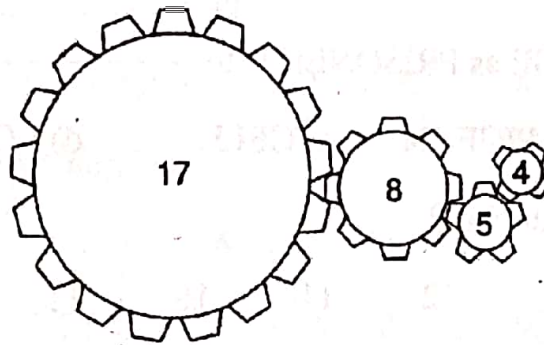
20) Which word does not belong to the list?

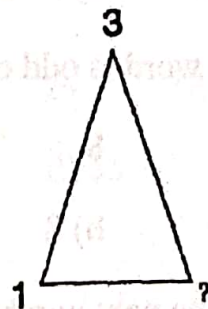
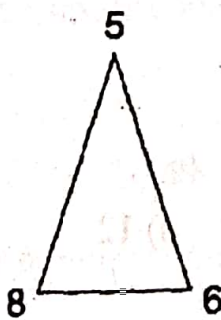
a) PLATE b) DISH c) KNIFE d) SPOON e) SUGAR

21) ONE THIRD of ONE HALF is ---------------

a) $\frac{2}{3}$ b) $\frac{1}{3}$ c) $\frac{1}{8}$ d) $\frac{1}{6}$

22) What number should replace the question Mark?

a) 6 b) 2 c) 8 d) 1

23) How many complete turns must the largest wheel make in order to bring the wheels back to their original positions?

a) 39 b) 40 c) 36 d) 30

24) What number should replace the question Mark?

a) 11 b) 4 c) 2 d) 1

25) What number should replace the question Mark?

a) 10 b) 9 c) 12 d) 5

INTELLIGENCE TEST NO 6

1) HOT is to BURN and COLD is to --------------

a) STREAM b) FREEZ c) OVEN d) ICE

2) Which word is odd one out?

a) WHISPER b) SHOUT c) SING d) TOUCH

3) Which word is odd one out?

a) SELFISH b) DISHONEST c) UGLY d) FOOLISH

4) BIRD is to CAGE as PRISONER is to --------------

a) LOACKUP b) PIGEON c) CELL d) LOCK

5) Write the next number?

6 11 12 11 18 11 24 11

a) 34 b) 45 c) 40 d) 30

6) Which word is odd one out?

a) RADIUS b) DIAGONAL c) DIAMETER d) ARC e) CIRCUMFERENCE

7) Which word is odd one out?

4 8 7 12

a) 7 b) 8 c) 4 d) 12

8) Write the next number?

62 31 34 17 20

a) 8 b) 9 c) 10 d) 6

9) Which word is odd one out?

a) COW b) GOAT c) SHEEP d) HORSE e) BUFFALO

10) Write next number in series?

1 4 10 22 46

a) 90 b) 80 c) 85 d) 94

11) Which word is odd one out?

a) SPEECH b) SERMON c) GOSSIP d) LECTURE e) ORATION

12) A is to E as C is to --------------

a) F b) D c) G d) H

13) Which word is odd one out?

a) OIL b) PETROL c) LIQUID d) SPIRIT e) WATER

14) Write next two number?

5 3 6 4 7 5 8 6 9

a) 7 , 10 b) 7 , 5 c) 8 , 10 d) 9 , 5

15) NIB is to PEN as BLADE is to --------------

a) STEEL b) RAZOR c) SHAPNER d) KNIFE

16) What number comes next?

3 8 14 21 29 38

a) 48 b) 49 c) 50 d) 55

17) What number comes next?

BY CX DW EV FU

a) GO b) GT c) TG d) TS

18) A cake is cut so that, one piece, which is half of the cake, is twice as largest as the other piece. How many pieces are there?

a) 6 b) 9 c) 3 d) 2

19) Which word is odd one out?

a) PIANO b) STRING c) GUITAR d) BANJO

20) What number comes in next?

5 8 9 12 11 15

a) 12 b) 13 c) 17 d) 14

21) DECEMBER is to OCTOBER as JUNE is to ---------------

a) MAY b) AUGUST c) OCTOBER d) APRIL

22) What number comes in the next?

20 15 18 13 16 11

a) 10 b) 19 c) 26 d) 14

23) What will be the answer if you add all even numbers in series and divide it by the middle figure?

3 4 5 6 7 8 9

a) 4 b) 11 c) 3 d) 7

24) What number comes next?

2 4 5 10 11 22 23 46

a) 54 b) 45 c) 47 d) 56

25) LAUGH is to GAY as WEEP is to --------------

a) GLOOMY b) SAD c) PLEASANT d) WEEP

INTELLIGENCE TEST NO 7

1) What number comes next?

2 6 12 20 30

a) 42 b) 46 c) 59 d) 36

2) TOBACCO is to PIPE as COAL is to --------------

a) FUEL b) PETROL c) SMOKE d) WOOD e) OVEN

3) What number comes next?

3 6 9 12 15

a) 25 b) 18 c) 35 d) 20

4) What number comes next in the following series?

4 8 12 16

a) 25 b) 18 c) 35 d) 20

5) If 2200 hour's is 10' o clock, write the figure 6 otherwise write 5.

a) 5 b) 6 c) 1700 d) None of these

6) What number comes next?

120 108 97 87 78

a) 70 b) 45 c) 80 d) 85

7) FINGER is to ELBOW as TOE is to --------------

a) FOOT b) ANKLE c) KNEE d) ARM

8) Which one word does not belong in list?

a) POUND b) OUNCE c) STONE d) TON

9) If 6 and 5 make 10 write 3 as your answer unless 4 and 4 make 8 then write 4 as your answer.

a) 6 b) 4 c) 5 d) 3

10) What letter comes next in series?

A C F J O

a) U b) S c) T d) V

11) What will come next in series?

11 21 40 77 150

a) 294 b) 295 c) 290 d) 395

12) SINGLE is to DOUBLE as ONE is to --------------

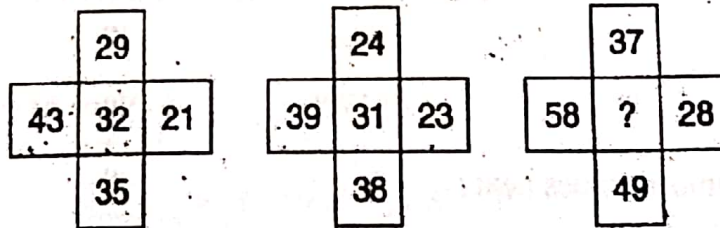
a) ZERO b) TWICE c) TWO d) TEN

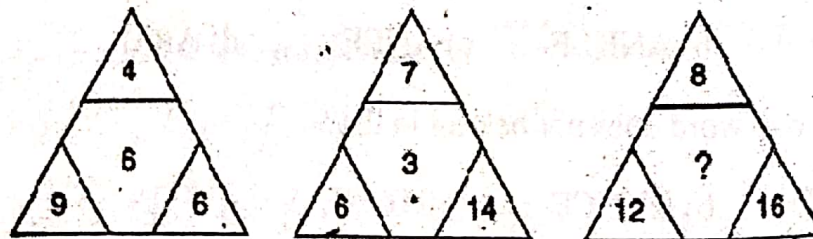
13) Which one is different from the rest?

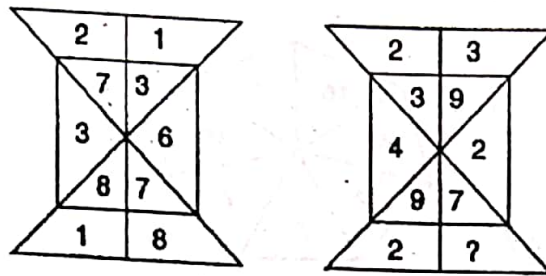
a) PLEADER b) COOK c) MAGISTRATE d) JUDGE e) ADVOCATE

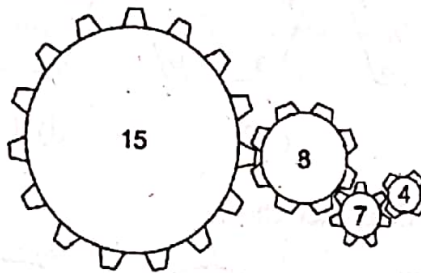
14) BOOK is to TITLE as MAN is to --------------

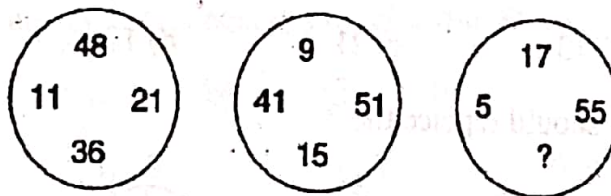
a) NAME b) SIR c) WOMAN d) GIRL

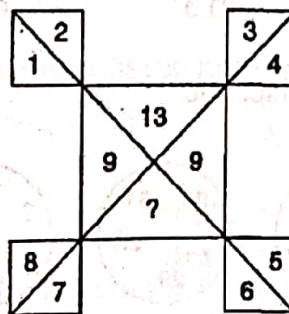
15) What number should replace the question mark?

a) 37 b) 43 c) 30 d) 28

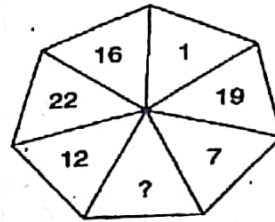
16) What number should replace the question mark?

a) 20 b) 96 c) 6 d) 0

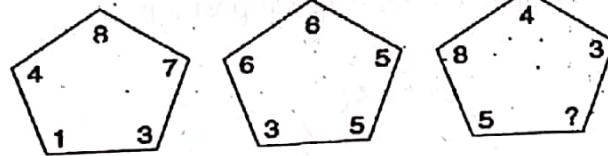
17) What number should replace the question mark?

a) 8 b) 1 c) 4 d) 7

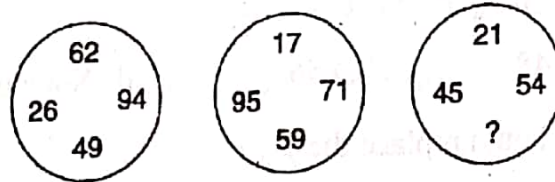
18) How many complete turns must the longest wheel make in order to bring the wheels back to their original positions?

a) 50 b) 48 c) 56 d) None of these

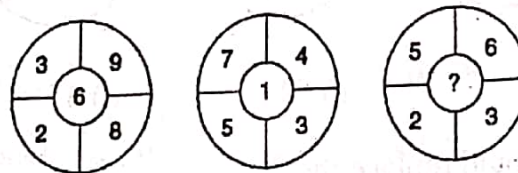
19) What number should replace the ?

a) 3 b) 2 c) 64 d) 3

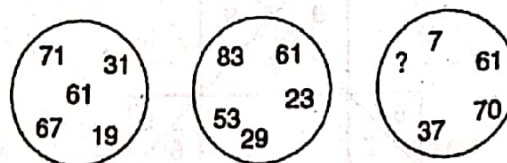
20) What number should replace the ?

a) 13 b) 5 c) 21 d) None of these

21) What number should replace the ?

a) 9 b) 11 c) 10 d) 21

22) What number should replace the ?

a) 9 b) 7 c) 2 d) 4

23) What number should replace the ?

a) 14 b) 13 c) 21 d) 12

24) What number should replace the ?

a) –4 b) 16 c) 3 d) None of these

25) What number should replace the ?

a) 74 b) 5 c) 43 d) None of these

INTELLIGENCE TEST NO 8

1) What number comes next in the following series?

6 9 7 10 8 11

a) 10 b) 9 c) 13 d) 6 e) 19

2) What number comes next in the following series?

WXYZ XYZW

a) ZXWY b)YXWZ c) YZXW d) YZWX e) YWXZ

3) What number comes next in the following series?

2 2 4 4 6 8

a) 88 b) 14 c) 18 d) 68 e) 8

4) What number comes next in the following series?

15 13 11 9 7 5 3

a) 2 b) 1 c) 3 d) 4 e) 5

5) What number comes next in the following series?

16 8 24 32 16

a) 36 b) 20 c) 72 d) 88 e) 48

6) What number comes next in the following series?

8 2 8 6 8 18

a) 36 b) 8 c) 54 d) 20 e) 26

7) What number comes next in the following series?

1 2 3 4 5

a) 8 b) 9 c) 11 d) 13 e) 6

8) What number comes next in the following series?

3 5 7 9 11

a) 13 b) 10 c) 15 d) 14 e) 20

9) What number comes next in the following series?

2 4 12 48 240

a) 1200 b) 120 c) 1440 d) 2400 e) 1441

10) What number comes next in the following series?

15 17 15 17 15 17

a) 15 b) 17 c) 18 d) 19 e) 14

11) What number comes next in the following series?

101 105 111 119

a) 129 b) 125 c) 135 d) 25 e) 15

12) SINGLE is to DOUBLE as ONE is to --------------

a) ZERO b) TWICE c) THREE d) TWO e) TEN

13) Which one is different from the rest?

a) PLEADER b) COOK c) MAGISTRATE d) JUDGE
e) ADVOCATE f) JUSTIC

14) BOOK is to TITLE as MAN is to --------------

a) NAME b) SIR c) WOMAN d) KHAN BAHADUR

15) Which one is better answer?

a) Lady drivers can put on their lipstick.
b) Driver can look at the lady passengers.
c) Driver can see the traffic in the car.
d) Drivers in the car can know that some cars are going ahead of them

16) The opposite of NEVER is --------------

a) SELDOM b) ALWAYS c) OFTEN
d) OCCASIONALLY e) FREQUENTLY

17) Which letter is as far from L as far from J?

a) U b) T c) R d) S e) K

18) Which one is different from the rest?

a) RED b) BLUE c) GREEN d) CHAIR e) YELLOW

19) Which one is different from the rest?

a) CIRCLE b) SQYARE c) TRIANGLE
d) RECTANGLE e) QUADRILATERAL

20) Which one is different from the rest?

a) SHEEP b) RAT c) HORSE d) TIGER e) POTATO

21) If the letters of the word "PROS" are arranged in order in which they occurs in the Alphabet, which two letter would be in the middle?

a) WX b) UV c) PR d) RS e) PU

22) If A is smaller than B, but taller than C. Who is the tallest of the three?

a) C b) B c) D d) F

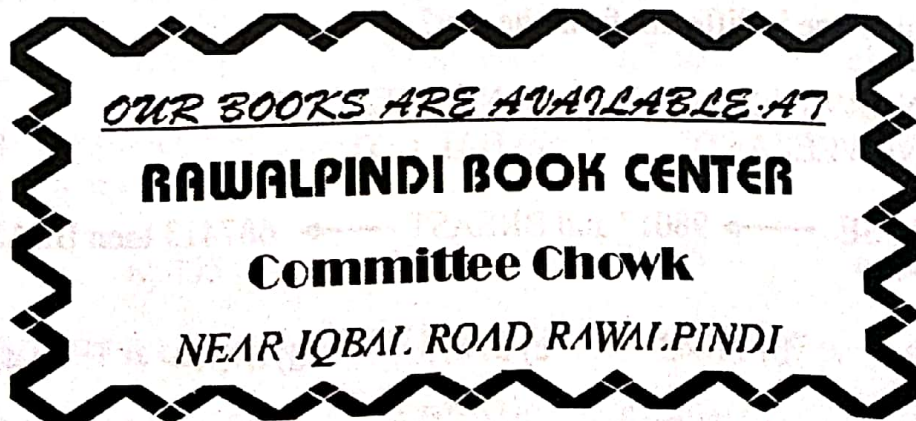
23) DRIVER is to CAR as -------------- is to AEROPLANE.

a) FUEL b) AERODROME c) PIOLT
d) NAVIGATOR e) LOAD MASTER

24) If SHEEP is to WOOL as CAT is to --------------

a) DOG b) BITCH c) FUR d) CAMNEL

25) If BRUSH is to PAINTING as PENCIAL is to -----------

a) SKETCH b) MAP c) DRAWIN d) NOTEBOOK

INTELLIGENCE TEST NO 9

1) A man with a child visited "SELECTION CENTER" and said that this child is the grandson of my father and I have no daughter, what is relation between child and man.

a) Father b) Son c) Grand Son d) Son & Father

2) If the following series is written in reverse order then add all the consecutive numbers, what will be the final result.

1, 2, 3, 4, 5, 6, 7, 8, 9

a) 45 b) 89 c) 65 d) 40 e) 40

3) What will come next in the following series.

64 2 74 3 94

a) 5 b) 4 c) 7 d) 1 e) 10

4) If RING is to SING then FLOWER is to ....

a) FASTER b) HEAVIER c) STRANGE
d) SLOWER e) TOWER

5) If PRAYER is to 593749 then what stand for YEAR ?

a) 5939 b)7349 c) 7439 d) 3479 e) 9473

6) If G = 7 , J = 10 then FED is to ....

a) 6F5E4D b) 4F6E5D c) 6F5E3D d) 6F5ED4 e) None

7) Which one is different from the rest?

a) NARVY b) NAPAL c) NEITHERLAND
d) NEWZELAND e) HALAND

8) If PROSE ⟶ 98017 and BREAST ⟶ 687413 then BEAST ⟶ ?

a) 64713 b) 71643 c) 67413 d) 67314 e) 45673

9) What will come next in the following series?

$5\frac{8}{10}10$ 33 $19\frac{2}{23}30$ 74 $5\frac{8}{10}7$?

a) 55 b) 66 c) 80 d) 47 e) 30

10) If STRANGER is to 97524687 then ANGER is to ....

a) 24687 b) 26487 c) 64287 d) 26489 e) 98462

11) If SKYLAND is coded as 7948312 then LAND is coded as ....

a) 8312 b) 7948 c) 9483 d) 8321 e) None

12) Which one is different from the rest?

a) Similar b) Equivalent c) Like d) Same e) Distinguish

13) Which one is different from the rest?

a) Fullback b) Fineleg c) Centerhalf d) Defender e) Halfside

14) Which one is different from the rest?

a) Tooth b) Spoon c) Plate d) Tray e) Knife

15) If SHOUT is to 81397 then HOT is to ....

a) 137 b) 237 c) 731 d) 813 e) 318

16) Which one is different from the rest?

a) Kiwi b) Sparrow c) Crow d) Eagle e) Parrot

17) Find out the odd man out.

a) Cloth b) Thin c) Colourful d) Pencil e) Bright

18) If RIVER is coded as 12345 and FEAVER is to 647345 then what stand for EAR ?

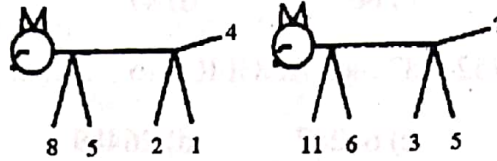
a) 375 b) 465 c) 275 d) 475 e) 654

19) If SECRET is coded as 102807 then ERRECT is coded as ....

a) 088027 b) 088007 c) 808027 d) 088072 e) 008827

20) If TOMORROW is to 56768869 then ROW is to ....

a) 576 b) 688 c) 896 d) 869 e) 968

21) Insert the missing number.

a) 7 b) 9 c) 14 d) 15 e) 3

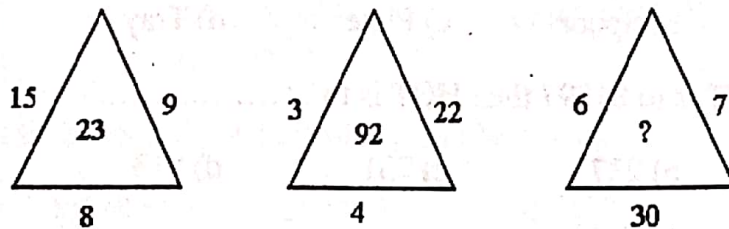
22) Insert the missing numbers.

2	6
54	18

?	9
81	27

a) 54 b) 3 c) 89 d) 95 e) 4

23) Find the missing numbers.

3 22
92
4

a) 32 b) 35 c) 34 d) 40 e) 29

24) If the highest number is added to the first number and divided by the third number, what will be the answer?

10 15 5

a) 4 b) 2 c) 6 d) 5 e) 20

25) what will come next in the following series?

BAC EDF KJL ? QPR

a) MNO b) NMO c) OMN d) PQR e) None

INTELLIGENCE TEST NO 10

1) What will come next in the following series?

$\frac{5}{6}$ $\frac{36}{25}$ $\frac{8}{7}$

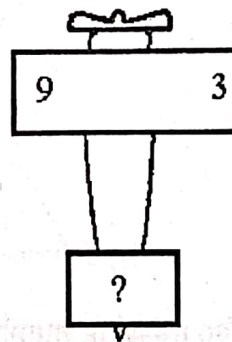
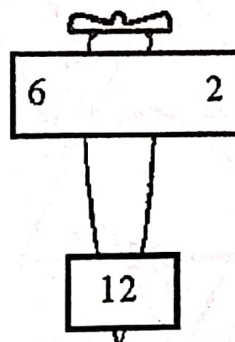
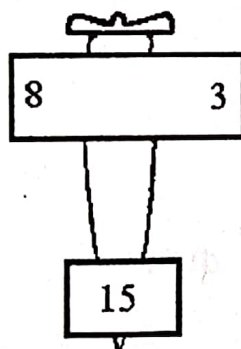
a) $\frac{36}{64}$ b) $\frac{49}{64}$ c) $\frac{94}{64}$ d) $\frac{49}{46}$ e) $\frac{36}{46}$

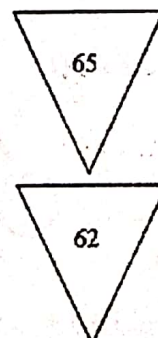
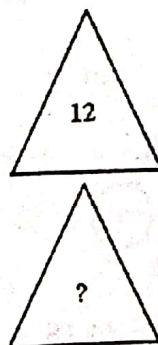
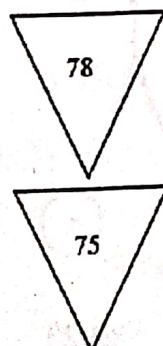
2) Which one is different from the rest?

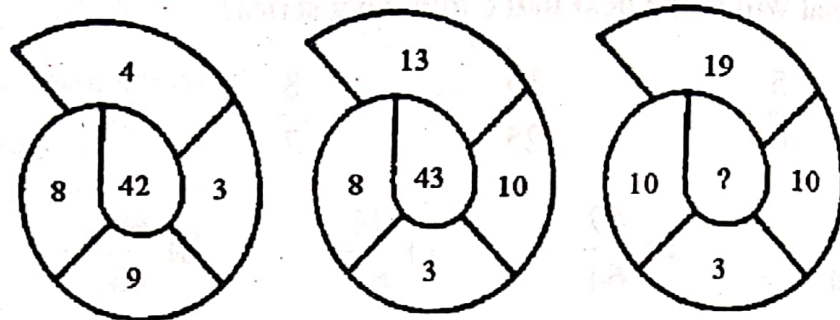
a) Paper b) Pen c) Stationary d) Stationery

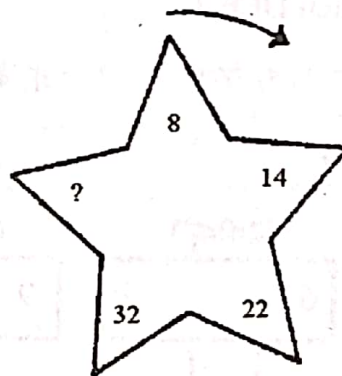
3) If G = 7 , H = 8 , I = 9 Then DEF ?

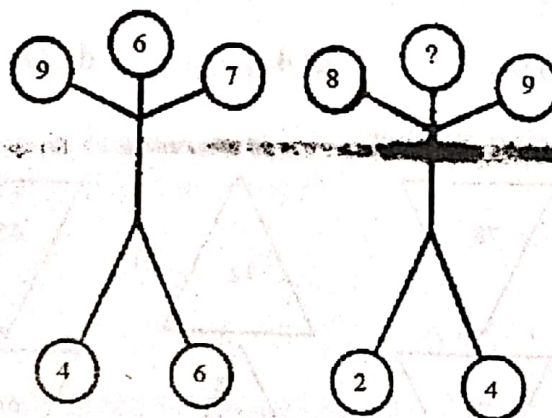
a) 455 b) 456 c) 564 d) 465

4) Insert the missing number.

a) 18 b) 6 c) 4 d) 27 e) 65

5) Insert the missing number.

a) 16 b) 15 c) 20 d)9

6) Insert the missing number.

a) 24 b) 42 c) 34 d) 43 e) 54

7) Insert the missing number.

a) 44 b) 4 c) 2 d) 54 e) 74

8) Insert the missing number.

a) 11 b) 15 c) 18 d) 23 e) 27

9) Here is to now there is to--------------?

a) Then b) here c) than d) where

10) series. K. LL, MMM, -----------?

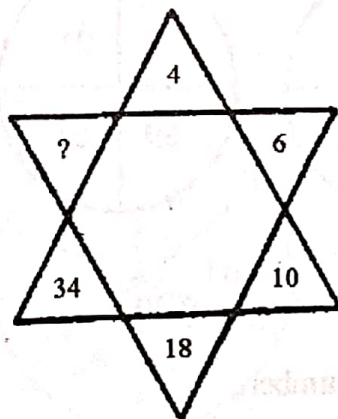
a) NNNN b) NNN c) NN. d) NL e) N

11) Why the teacher go to school -----?

a) Want to earn money. b) To do his duty's.
b) c) A & b are correct d) none is correct e) To give knowledge.

12) FOOT is to shoe as HEAD as ----------?

a) Hat. b) helmet. c) cap d) all are correct

13) Insert the missing number.

a)66 b) 74 c) 75 d) 65 e) 84

14) Ring is to finger as Tie is to ------------?

a) shirt b) Neck c) me d) cloth e) silk

15) C is to 3 as W is to------------------?.

a) 2 b) 21 c) 23 d) 24 e) 25

16) Insert the missing number.

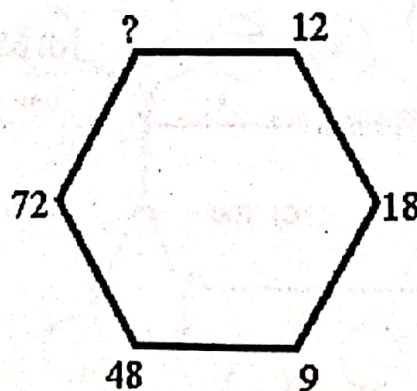
a) 20,24 b) 20,26 c) 26,20 d) 24,20 e) 26,24

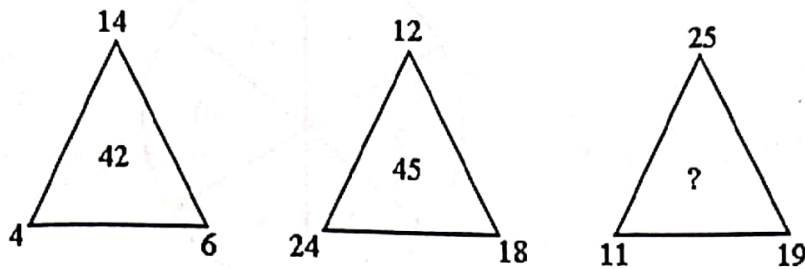
17) if 3 x 4 = 916, 2 x 5 = 425 then 4 x 5= -------?

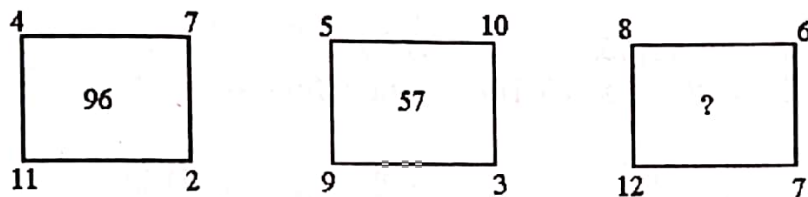
a) 20 b) 21 c) 2516 d) 9 e) 1625

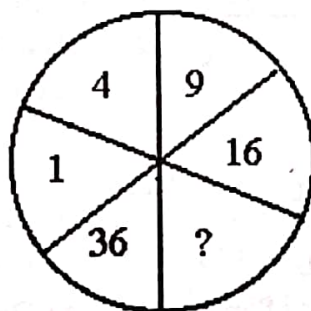
18) Insert the missing number.

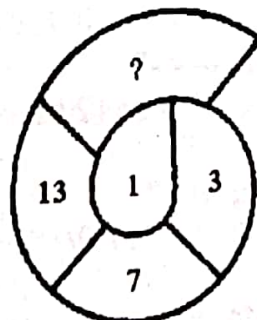
a) 190 b) 189 c) 70 d) 14 e) 5

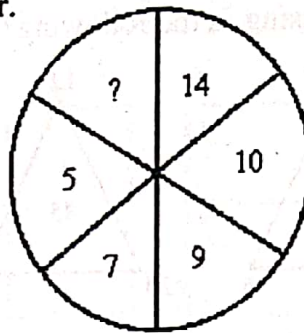
19) Insert the missing number.

a) 65 b) 45 c) 36 d) 9 e) none

20) What digit is missing in the following?

a) 55 b) 66 c) 47 d) 34 e) 54

21) What will come in the center of Last Square?

a) 45 b) 61 c) 47 d) 74 e) None

22) Insert the missing number.

a) 25 b) 24 c) 42 d) 50 e) 48

23) Insert the missing number.

a) 17 b) 35 c) 45 d) 23 e) 21

24) Insert the missing number.

a) 20 b) 45 c) 30 d) 81 e) 18

25) Series. 19,20,18,21,17-------------?

a) 20 b) 22 c) 30 d) 81 e) 18

26) If Z = 1, Y = 2 X = 3 Then A stand for ----------?

a) 20 b) 26 c) 30 d) 81 e) 18

27) series 3,7,12,18,25 ---------------?

a) 20 b) 22 c) 33 d) 81 e) 18

28) cow is to calf as horse is to -------------?

a) colt . b) mare c) hen d) cat e) hen

29) series 9, 16, 25,36 ---------------?

a) 20 b) 22 c) 33 d) 49 e) 18

30) one is differ .

a) gold b) silver c) iron d) Ammunia.

31) find the odd man out,

a) August b) may c) September d) October e) November

32) series A,C,F,J,O ---------?

a) U b) B c) M d) I e) H

33) Series 3E, 5G, 8J 10L-------?

a) 13U b) 13B c) 12 M d)12 I e)130

34) series 3/27, 5/24, 7/21, -----?

a) 9/18 b) 9/17 c) 9/16 d) 8/18 e) 8/17

35) series 1234,3456, 5678, -----------?

a) 78910 b) 78911 c) 78912 d) 77911 e) 78913

36) Which one of the five is least like the other four?

A) BEAR B) SNAKE C) COW D)DOG E) TIGER
Answer- B

37)if you rearrange the letters "BARBIT" you would have the name of a:)
A) OCEAN B) COUNTRY C) STATE D) CITY E) ANIMAL
Answer- E

38) Which one of the five is least like the other four?
A) POTATO B)CORN C)APPLE D) CARROT E)BEAN
Answer- C

39) Which one of the five makes the best comparison?
Milk is to glass as letter is to ----?
A) STAMP B) PEN C) ENVELOPE D)BOOK E)MAIL
Answer- C

40) Which one of the five choices makes the best comparison?
Live is to Evil as 5232 is to
A) 2423 B) 3252 C) 2325 D)3225 E)5223 Answer- C

41) Which one of the five choices makes the best comparison?
Tree is to ground as chimney is to :
A)TREE B) BRICK C)SKY D) GARAFE E)HOUSE
Answer- E

42) Which one of the five choices makes the best comparison?
CAACCAC is to 3113313 as CACAACAC is to -----?
A)13133131 B) 13133313 C) 31311131 D)31311313 E)31313113
Answer- D

43)Which one of the five is least like the other four?
A) SOCKS B)DRESS C) SHOE D) PURSE E)HEAT Answer- D

44)Which one of the five choices makes the best comparison?
Bullet is to Gun as Ball is to ------------?
A)BAT B)SLINGSHOT C) CANNON D)PITCHER E)CATAPULT

Answer- A

45) Which one of the five is least like the other four?
A) BOTTLE B) CUP C) TUB D)FUNNEL E)BOWL
Answer- D

ARITHMETIC SERIES

It is very common test, which is used to check the sense of a candidates whether they can judge the mathematical expression in different approaches and have capability of doing the accountancy work with accuracy and within time. Candidates who wants to adopt the career of accountancy must have the ability to calculate the mathematical expression in figures and series.

ADDITION CASE

Some digits are added in a series, which are hidden, and asked to find out the coming figure in the series.

Example 1:

0 1 2 3 4 5 ___ ___

If you read the series you see that +1 is added in every preceding digit to reach the next digit. Correct answer will be 6 and 7.

The figure of digits may be enhanced for completion the series up to whatever the digit is.

Example 2:

1 2 4 7 11 16 ___

In this example, the numbers of the series are increasing by adding the natural number to complete the series.

$$1 + 1 = 2$$
$$2 + 2 = 4$$
$$4 + 3 = 7$$
$$7 + 4 = 11$$
$$11 + 5 = 16$$
$$16 + 6 = 22$$

Thus, 22 is the correct answer.

Example 3:

1 3 3 5 5 7 7___ ___

In this series + 2 and 0 are added consecutively.

$$0 + 1 = 1$$
$$1 + 2 = 3$$
$$2 + 1 = 3$$
$$3 + 2 = 5$$
$$4 + 1 = 5$$
$$5 + 2 = 7$$
$$6 + 1 = 7$$
$$7 + 2 = 9$$
$$8 + 1 = 9$$

The correct missing number will be 9 and 9

SUBTRACTION CASE

In this case some digits are subtracted from the series and you are asked to complete the series by inserting the missing figure.

Example 4:

60 59 57 54 50 ___ ___

The series is gradually decreasing, if you look carefully, you can find that natural number are continuously subtracting from the digits of the series, then mathematical solution will be.

$$60 - 1 = 59$$
$$59 - 2 = 57$$
$$57 - 2 = 54$$
$$54 - 4 = 50$$
$$50 - 5 = 45$$
$$45 - 6 = 39$$

45 and 39 are the numbers, which complete the series. By using the same method you can locate the missing figure and complete the series.

ADDITION AND SUBTRACTION CASE:

In these types of questions, some digits are adding and subtracting at the same time, these questions can be solved easily by paying some attention on the series.

Example 5:

25 26 24 25 23 ___ ___

If you calculate the series number by care then you should observe that digit 1 is adding and 2 is subtracting to complete the series consecutively. The mathematical calculation is given below.

$$25 + 0 = 25$$
$$25 + 1 = 26$$
$$26 - 2 = 24$$
$$24 + 1 = 25$$
$$25 - 2 = 23$$
$$23 + 1 = 24$$
$$24 - 2 = 22$$

The answer is 24, and 22.

Normally, if you carefully observe the given series, you will find that two series of digits are running in descending order starting with number 25, and 26. By using this impression you easily and in shortest time locate the missing number from the series.

MULTIPLICATION METHOD

In this case some digits are being multiplied in ascending order to make a sequence.

Example 6:

1 4 9 16 25 36 ___ ___

If you observe carefully it shows that each number is multiplying by its own value. The mathematically will illustrate as.

$$1 \times 1 = 1$$
$$2 \times 2 = 4$$
$$3 \times 3 = 9$$
$$4 \times 4 = 16$$
$$5 \times 5 = 25$$
$$6 \times 6 = 36$$
$$7 \times 7 = 49$$
$$8 \times 8 = 64$$

The correct answer is 49, 64.

INTELLIGENCE TEST NO 11

What will come next in the following series?

1) 7 11 16 22 26 31

a) 32 b) 34 c) 36 d) 37 e) 39

2) 15 11 7 14 10 6

a) 4 b) 6 c) 8 d) 10 e) 12

3) 7 4 12 9 27 24

a) 11 b) 36 c) 48 d) 72 e) 96

4) 48 24 20 10 6 3

a) 2 b) 1 c) 0 d) -1 e) -2

5) 2 6 12 36 72 216

a) 288 b) 376 c) 432 d) 4 e) 648

6) 1 2 4 8 16 32

a) 48 b) 56 c) 64 d) 80 e) 96

7) $\frac{1}{16}$ $\frac{1}{4}$ $\frac{1}{2}$ 2 4 16

a) 24 b) 32 c) 48 d) 64 e) 80

8) 3 9 14 18 21 23

a) 24 b) 25 c) 26 d) 27 e) 28

9) 20 25 23 28 26 31 29 34

a) 33 b) 32 c) 31 d) 30 e) 43

10) 2 4 6 8 10

a) 12 b) 14 c) 2 d) 8 e) 5

11) 8 7 6 5 4 3

a) 9 b) 2 c) 3 d) 10 e) 12

12) 12 10 8 6 4 2

a) 14 b) 1 c) 0 d) 8 e) 4

13)1 2 3 5 8 13

a) 15 b) 20 c) 21 d) 17 e) 14

14) 10 20 30 40 50

a) 55 b) 60 c) 80 d) 90 e) 85

15) 7 8 6 7 5

a) 2 b) 3 c) 4 d) 5 e) 6

16) 1 2 3 2 3 4

a) 3 b) 4 c) 5 d) 6 e) 7

17) 1 10 19 28

a) 24 b) 25 c) 26 d) 37 e) 28

18) 7 8 6 7 5 6

a) 2 b) 3 c) 4 d) 5 e) 8

19) 10 18 15 23 20 28

a) 23 b) 24 c) 25 d) 36 e) 38

20) 3 13 4 15 5 17 6 19 7

a) 20 b) 23 c) 21 d) 25 e) 27

21) 20 25 23 28 26 31 29 34

a) 33 b) 38 c) 31 d) 30 e) 29

22)9 24 39 54 69 84 99 114

a) 129 b) 124 c) 128 d) 13 e) 132

INTELLIGENCE TEST NO 12

What will come next in the following series?

1) 6 7 9 12 16 21 27 34

a) 49 b) 50 c) 47 d) 42 e) 43

2) 5 15 23 29 39 47 53 63

a) 71 b) 72 c) 69 d) 73 e) 87

3) 2 4 8 16 32 64 128

a) 228 b) 130 c) 256 d) 264 e) 296

4) 5 7 9

a) 11 b) 12 c) 15 d) 17 e) 21

5) 4 12 36 108

a) 224 b) 324 c) 124 d) 424 e) 484

6) 3 7 14 18 36 40

a) 50 b) 60 c) 70 d) 80 e) 90

7) 14 6 21 9 28 12

a) 35 b) 40 c) 42 d) 36 e) 96

8) 20 25 23 28 26 31 29 34

a) 33 b) 32 c) 31 d) 30 e) 35

9) 2 5 4 6 8 8 14 11 22 15

a) 32, 20 b) 30, 20 c) 20, 32 d) 31, 21 e) 20, 33

10) 7 10 9 12 11

a) 14, 13 b) 12, 14 c) 13, 14 d) 14, 11 e) 15, 12

11) 1 2 2 4 8

a) 8 b) 32 c) 16 d) 12 e) 14

12) 16 15 17 14

a) 19 b) 16 c) 18 d) 21 e) 22

13) 32 33 31 34

a) 30 b) 36 c) 32 d) 34 e) 29

14) 2 7 24 77

a) 144 b) 236 c) 238 d) 99 e) 77

15) 1 8 64 512

a) 4096 b) 6904 c) 4069 d) 6049 e) 5840

16) 17 35 72 147

a) 198 b) 298 c) 294 d) 892 e) 795

17) 10 50 250 1250

a) 6250 b) 2500 c) 5012 d) 3750 e) 5169

18) 1 7 49 343

a) 4201 b) 1024 c) 2410 d) 2401 e) 2710

19) L B M C N

a) R b) D c) G d) M e) A

20) Q N K H E

a) A b) F c) B d) O e) D

21) W R U P S

a) J b) N c) I d) O e) L

22) S V Y B

a) F b) E c) D d) A e) P

23) B C H I N

a) Q, T b) O, T c) S, T d) B, A e) T, O

INTELLIGENCE TEST NO 13

What will come next in the following series?

1) T S R T S R T S

a) R b) S c) T d) V e) W

2) E F H I K L

a) M b) N c) O d) P e) Q

3) G F E D

a) B b) C c) F d) G e) H

4) D F H J L

a) J b) K c) L d) M e) N

5) A B C I J D E F I J

a) G b) H c) I d) J e) K

6) E F G E F G H E F G H I

a) E b) G c) I d) J e) L

7) A D H K O

a) E b) Q c) R d) S e) T

8) E F G H J K L N O

a) P b) Q c) R d) S e) T

9) A E I B F

a) C b) D c) G d) I e) J

10) Z D W G T

a) H b) I c) J d) K e) L

11) 3 5 9 17 33

a) 65 b) 64 c) 54 d) 52 e) 53

12) 4 20 35 49 62 74

a) 81 b) 83 c) 85 d) 84 e) 86

13) B F J N

a) O b) P c) Q d) R e) Z

14) 12 22 14 25 16

a) 18 b) 28 c) 21 d) 32 e) 16

15) 102 85 68 51 34

a) 108 b) 39 c) 17 d) 13 e) 110

16) 33 55 77 99 121

a) 137 b) 143 c) 88 d) 110 e) 124

17) D G J M P

a) S b) Q c) P d) N e) T

18) B D E G H

a) F b) K c) I d) J e) O

19) C H L O Q

a) Y b) T c) R d) S e) X

20) S W T X U

a) N b) X c) Y d) K e) M

21) J K O P T

a) Q b) Z c) X d) U e) V

22) R I P H N

a) D b) F c) G d) K c) O

23) A G L P S

a) U b) Y c) V d) W e) T

INTELLIGENCE TEST NO 14

What will come next in the following series?

1) 1 $\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{8}$ $\frac{1}{16}$ $\frac{1}{32}$

a) $\frac{1}{48}$ b) $\frac{1}{36}$ c) $\frac{1}{64}$ d) $\frac{1}{72}$ e) $\frac{1}{46}$

2) 7 14 28 56 112 224

a) 336 b) 231 c) 448 d) 455 e) 74

3) 49 36 25 16 9 4

a) 0 b) 1 c) 5 d) 64 e) 46

4) 10 18 15 23 20 28

a) 23 b) 24 c) 25 d) 36 e) 63

5) 8 10 14 20 28 38 50 64

a)80 b) 71 c) 72 d) 73. e) 91

6) 19 25 29 31

a) 31 b) 37 c) 40 d) 43 e) 81

7) 5 16 19 30

a) 32 b) 33 c) 42 d) 47 e) 98

8) 0 3 8 15

a) 20 b) 21 c) 23 d) 24 e) 32

9) 1 2 5 26

a) 130 b) 488 c) 52 d) 677 e) 256

10) 381 378 373 366

a) 367 b) 356 c) 357 d) 360 e) 282

11) 7 49 343 2401

a) 14807 b) 16807 c) 15576 d) 16708 e) 13908

12) 2 6 18 54

a) 108 b) 162 c) 176 d) 96 e) 22

13) 9 20 31 42

a) 49 b) 52 c) 53 d) 64 e) 22

14) 1 2 4 7 11 16

a) 24 b) 29 c) 22 d) 21 e) 26

15) 5 11 19 29

a) 39 b) 41 c) 43 d) 47 e) 82

16) 7 13 19 25

a) 31 b) 32 c) 35 d) 36 e) 44

17) 18 28 36 42

a) 46 b) 42 c) 48 d) 64 e) 35

18) 5 7 7 9

a) 9 b) 10 c) 11 d) 12 e) 30

19) 3 7 16 35

a) 54 b) 53 c) 74 d) 70 e) 29

20) 1 4 9 16 25

a) 49 b) 35 c) 14 d) 36 e) 52

21) 80 40 20 10 2 $\frac{5}{2}$

a) 1/2 b) 2 c) 5/4 d) 5/8 e) 2/3

22) 285 253 221 189

a) 156 b) 157 c) 132 d) 162 e) 172

INTELLIGENCE TEST NO 15

What will come next in the following series?

1) 5 9 17 33

a) 65 b) 71 c) 74 d) 114 e) 66

2) 17 35 72 147

a) 198 b) 298 c) 294 d) 892 e) 293

3) 7 8 6 7 5 6

a) 2 b) 3 c) 4 d) 5 e) 6

4) 1 1 2 1 3 1 4 1

a) 1,5 b) 4,1 c) 5,1 d) 5,5 e) 1,3

5) 20 25 23 28 26 31 29 34

a) 33 b) 32 c) 31 d) 30 e) 23

6) 20 21 23 26 30 35 41 48

a) 55 b) 54 c) 56 d) 59 e) 21

7) 1 2 4 8 16 32

a) 48,64 b) 64,128 c) 64,72 d) 63,129 e) 32,48

8) 2 90 4 80 6 70 8 60

a) 12,52 b) 50,10 c) 10,50 d) 12,50 e) 10,12

9) 32 33 31 34

a) 30 b) 36 c) 32 d) 34 e) 48

10) 6 9 18 21 42 45

a) 90,93 b) 61,64 c) 56,59 d) 80,83 e) 21,58

11) 7 9 11 9 11

a) 10 b) 13 c) 15 d) 14 e) 21

12) 20 21 23 26 30 35 41 48

a) 55 b) 54 c) 56 d) 59 e) 72

13) 3 8 14 25 37

a) 67 b) 69 c) 68 d) 60 e) 21

14) 8 16 24 32 40 48

a) 64 b) 96 c) 56 d) 62 e) 22

15) 3 6 18 36 108 216 648

a) 1946 b) 1944 c) 1296 d) 1056 e) 31

16) 4 20 35 49 62 74

a) 82 b) 85 c) 93 d) 94 e) 12

17) 1 4 2 8 6

a) 88 b) 24 c) 84 d) 86 e) 54

18) 8.9 4.45 2.225

a) 0.56625 b) 1.9678 c) 1.1125 d) 0.5432 e) 1.112

19) 2 4 10 20

a) 56 b) 28 c) 72 d) 34 e) 48

20) 2 6 9 13 16

a) 20 b) 23 c) 19 d) 18 e) 17

21) 7 3 14 6 21 9

a) 12 b) 28 c) 16 d) 25 e) 27

22) 3 5 6 10 9 15 12

a) 20 b) 15 c) 27 d) 78 e) 75

Verbal Intelligence Test No. 1

1) B 2) C 3) B 4) D 5) C 6) C 7) C 8) E 9) A
10) A 11) C 12) D 13) E 14) A 15) E 16) E 17) A 18) B
19) C 20) E 21) A 22) D 23) C 24) E 25) E

Verbal Intelligence Test No. 2

1) A 2) A 3) A 4) B 5) A 6) B 7) D 8)D 9) B
10) C 11) D 12) A 13) A 14) A 15) C 16) A 17) B 18) A
19) A 20) A 21) D 22) B 23) B 24) A 25) B

Verbal Intelligence Test No. 3

1) D 2) A 3) A 4) A 5) A 6) A 7) A 8) E 9) B
10) A 11) C 12) C 13) D 14) B 15) A 16) B 17) A 18)D
19) A 20) A 21) B 22) A 23) A 24) A 25) A

Verbal Intelligence Test No. 4

1) A 2) D 3) D 4) D 5) C 6) A 7) D 8)D 9) B
10) A 11) A 12) B 13) A 14) B 15) C 16) C 17) A 18) C
19) D 20) A 21) D 22) A 23) B 24) C 25) A

Verbal Intelligence Test No. 5

1) D 2) B 3) A 4) B 5) C 6) A 7) C 8) C 9) D
10) B 11) C 12) E 13) B 14) E 15) D 16) D 17) D 18) E
19) B 20) E 21) D 22) A 23) B 24) D 25) D

Verbal Intelligence Test No. 6

1) B 2) D 3) C 4) C 5) D 6) B 7) A 8) C 9) D
10) D 11) C 12) C 13) C 14) A 15) B 16) A 17) B 18) C
19) B 20) D 21) D 22) D 23) C 24) C 25) B

Verbal Intelligence Test No. 7

1) A 2) E 3) B 4) D 5) B 6) A 7) C 8) C 9) B
10) A 11) B 12) C 13) B 14) A 15) B 16) C 17) A 18) C
19) D 20) B 21) D 22) B 23) D 24) C 25) A

Verbal Intelligence Test No. 8

1) B 2) D 3) E 4) B 5) E 6) B 7) E 8) A 9) C
10) A 11) A 12) D 13) B 14) A 15) D 16) B 17) A 18) D
19) A 20) E 21) C 22) B 23) C 24) C 25) C

Verbal Intelligence Test No. 9

1) D 2) A 3) A 4) D 5) C 6) A 7) E 8) C 9) E
10) A 11) D 12) E 13) E 14) E 15) A 16) A 17) D 18) D
19) A 20) D 21) E 22) B 23) C 24) D 25) B

Verbal Intelligence Test No. 10

1) B 2) D 3) B 4) A 5) B 6) A 7) A 8) A 9) A
10) A 11) E 12) D 13) A 14) B 15) C 16) B 17) E 18) E
19) C 20) A 21) B 22) A 23) E 24) E 25) B 26) B 27) C
28) A 29) D 30) D 31) B 32) A 33)E 34) A 35) A

Verbal Intelligence Test No. 11

1) D 2) E 3) D 4) D 5) C 6) C 7) B 8) A 9) B
10) A 11) B 12) C 13) C 14) B 15) C 16) A 17) D 18) C
19) C 20) C 21) B 22) A

Verbal Intelligence Test No. 12

1) D 2) A 3) E 4) A 5) B 6) D 7) A 8)B 9) A
10) A 11) C 12) C 13) A 14) C 15) A 16) B 17) A 18) D
19) B 20) C 21) B 22) B 23) B

Verbal Intelligence Test No. 13

1) A 2) B 3) B 4) E 5) A 6) A 7)C 8) B 9) A
10) C 11) A 12) C 13) D 14) B 15) C 16) B 17) A 18) D
19) C 20) C 21) D 22)C 23) A

Verbal Intelligence Test No. 14

1) C 2) C 3) C 4) B 5) A 6) A 7) C 8) B 9) E
10) C 11) A 12) C 13) D 14) B 15) C 16) B 17) A 18) D
19) C 20) C 21) D 22) C

Verbal Intelligence Test No. 15

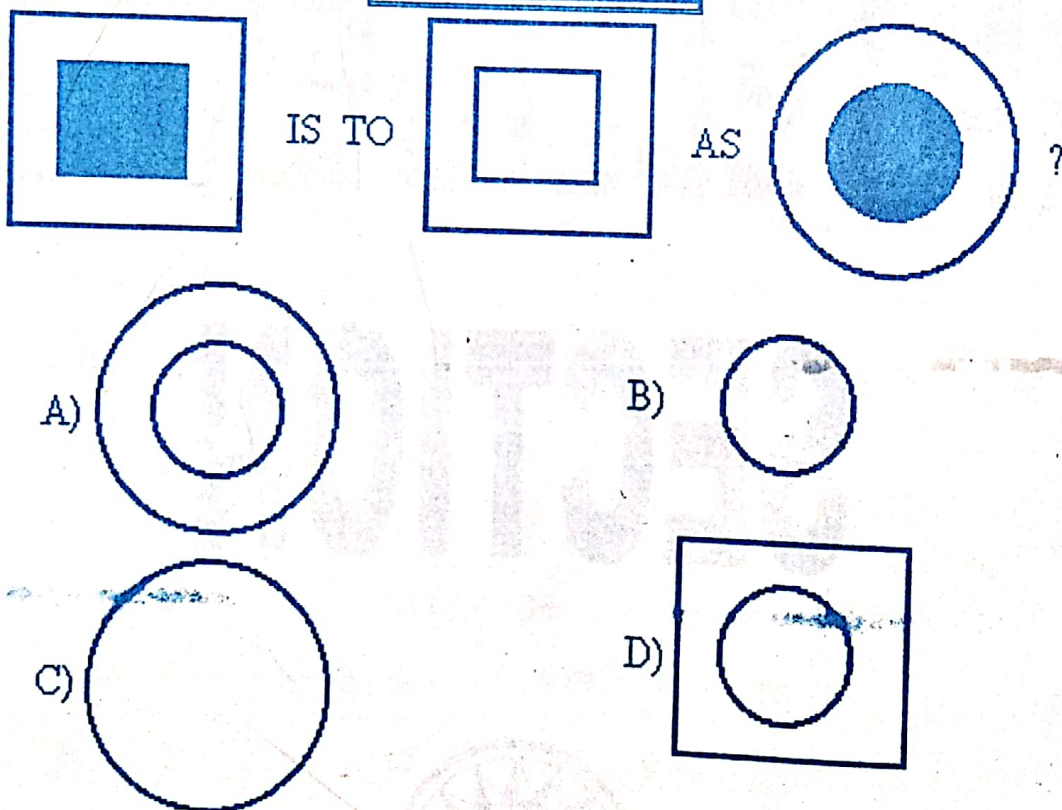
1) A 2) B 3) C 4) C 5) B 6) C 7) B 8) C 9) C
10) A 11) B 12) C 13) D 14) C 15) C 16) B 17) B 18) C
19) E 20) A 21) B 22) A

NON-VERBAL INTELLIGENCE SECTION

NON-VERBAL SIMPLE TEST

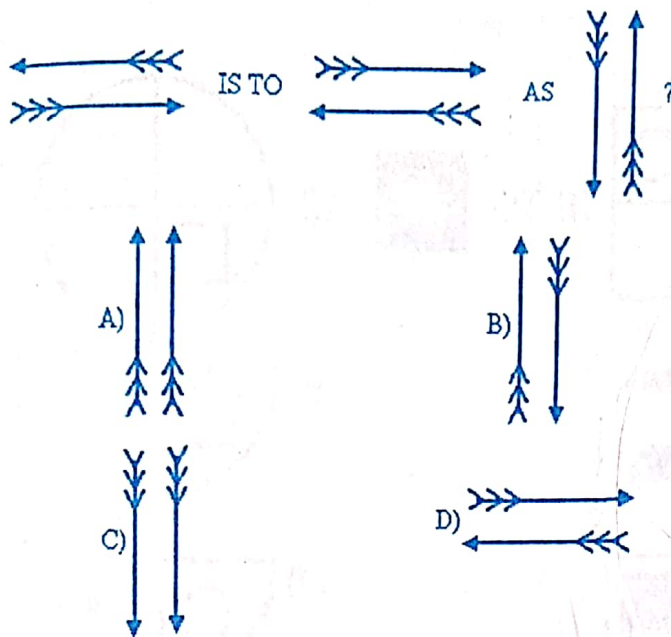
Most of the intelligence tests depend upon the language as a medium and include task presented in verbal terms. However useful these tasks may be, they would tend to favour those who are well versed with the language used as the medium. Therefore, those candidates who have studied in good institutions may enjoy an advantage over the other. In order to neutralize this factor, and at same time ensure equal opportunity to all the participants, Non-Verbal (Visual analogy) test have been developed. These tests do not require any proficiency in the language to solve the test problems.

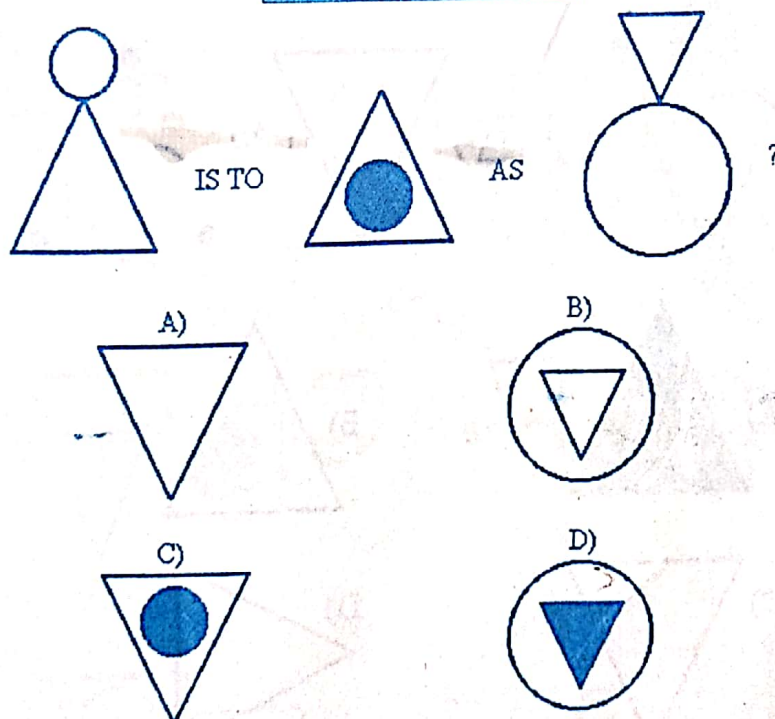
In Pakistan Air Force, there are approximately 25 Non verbal simple questions in the test. The purpose of this test is the same as in verbal intelligence tests. In order to tackle this test successfully, the candidates are advised to follow the line of approach as explained in the verbal Intelligence Tests.

EXAMPLE 1

Answer:

The shape in the middle has changed from shaded to unshaded so you will do the same for the answer so answer is choice A.

NOTE: PAF has changed the way of testing. Now your exam will be computer based but the pattern of the test is still the same.

EXAMPLE 2

Answer :
In the first combination the arrows direction are reversed so, if we reverse the arrows direction for the second combination then correct answer choice is B.

EXAMPLE 3

Answer:
In the first combination the circle is shaded and goes in the middle so in the second combination the correct choice will be D.

NON-VERBAL SIMPLE TEST 1

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A) B)

C) D)

2)

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IS TO AS ?

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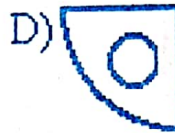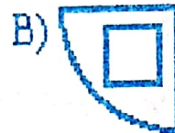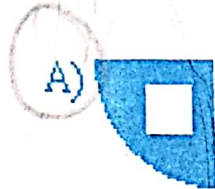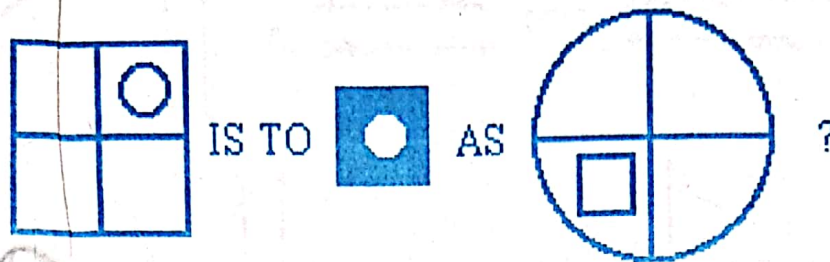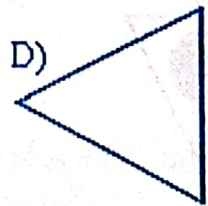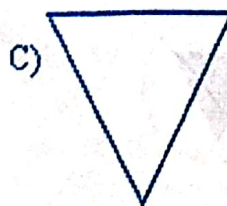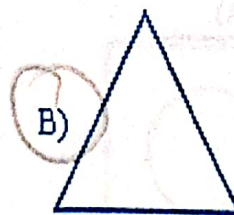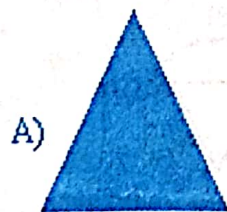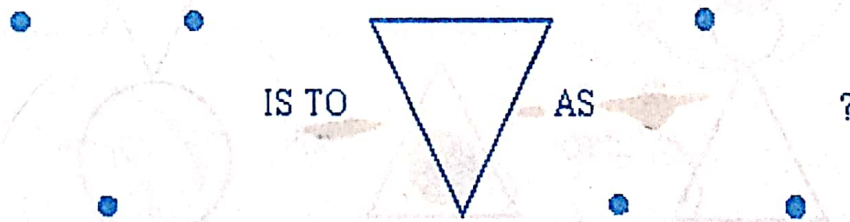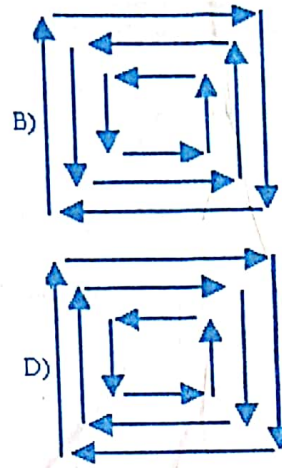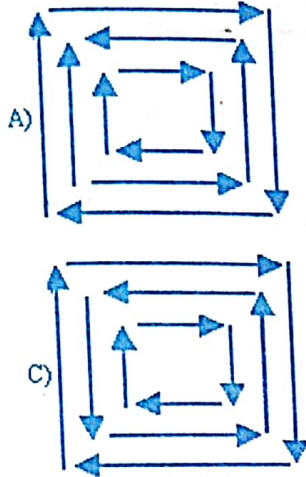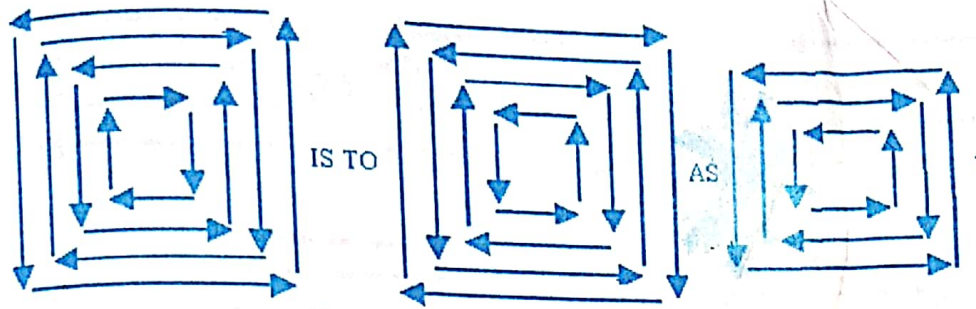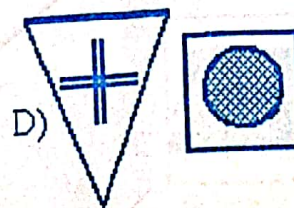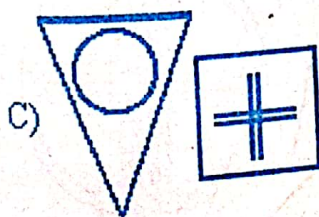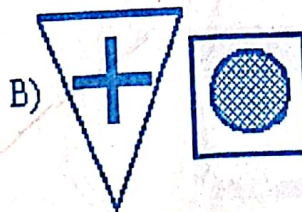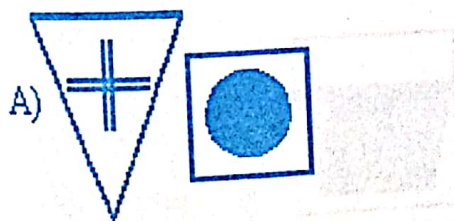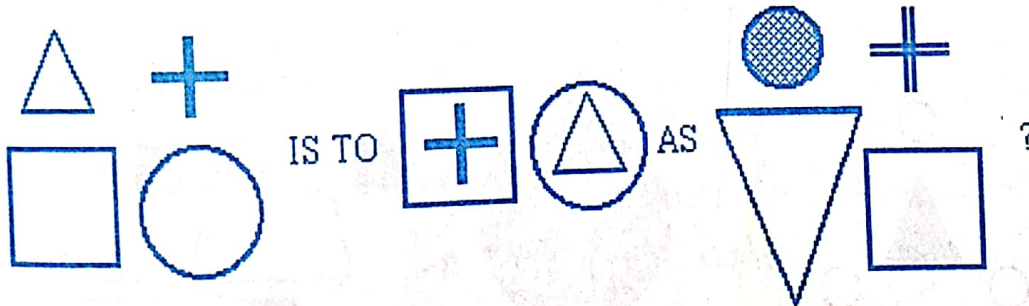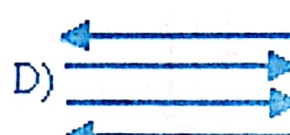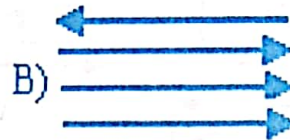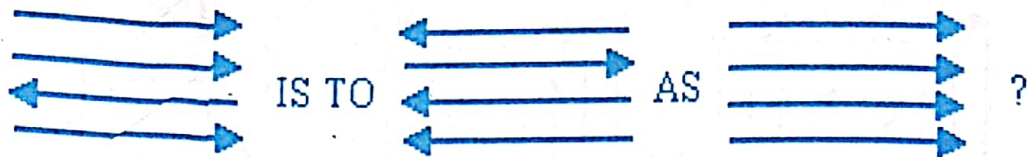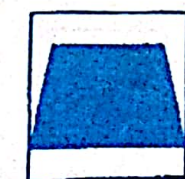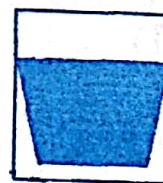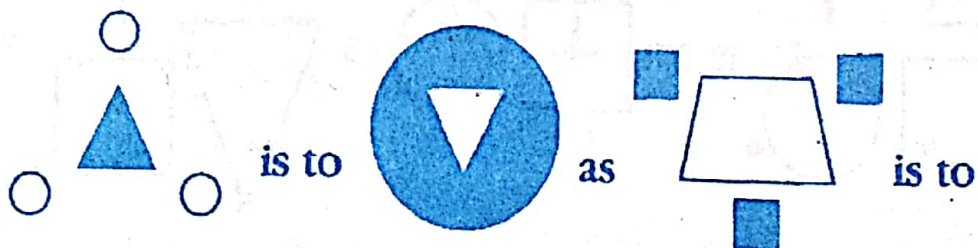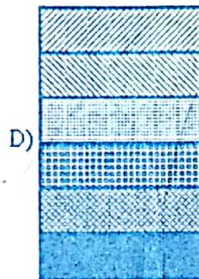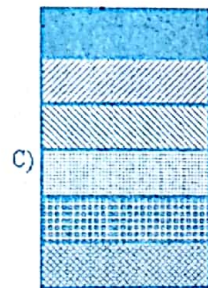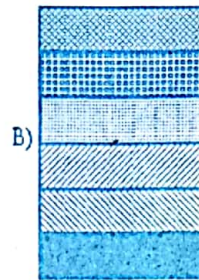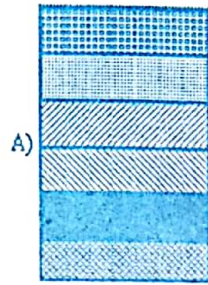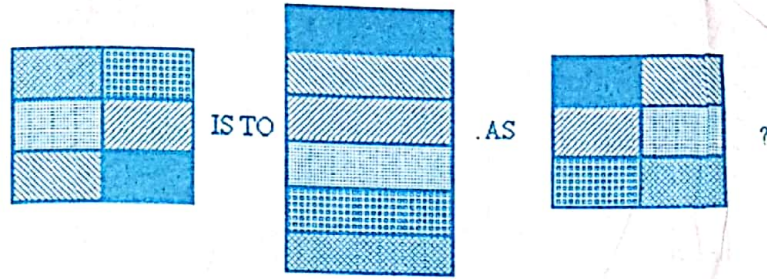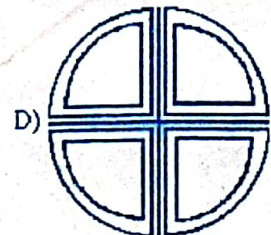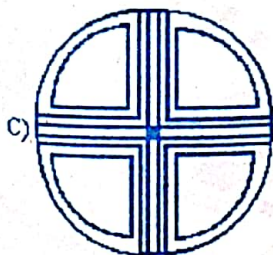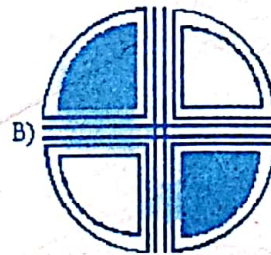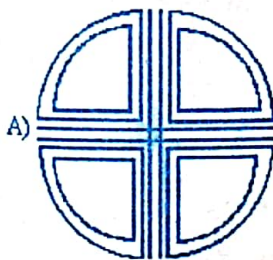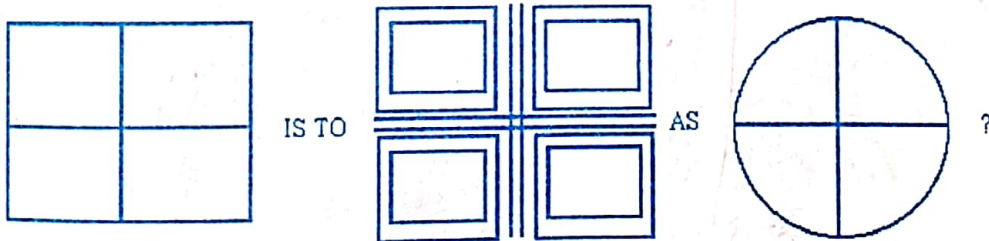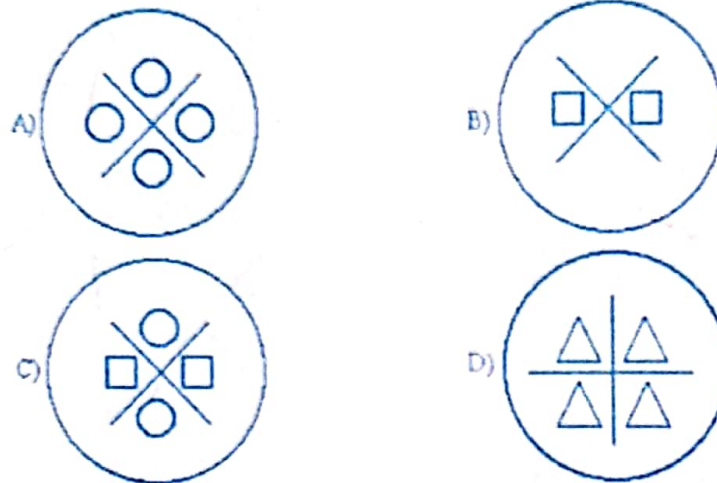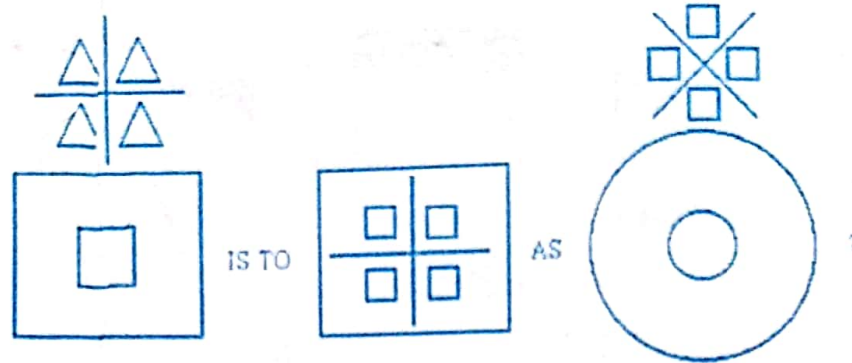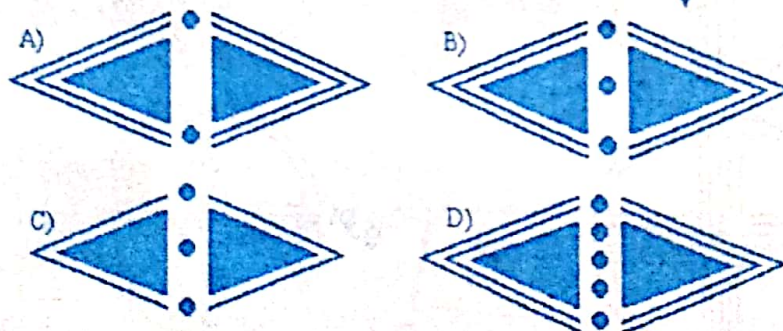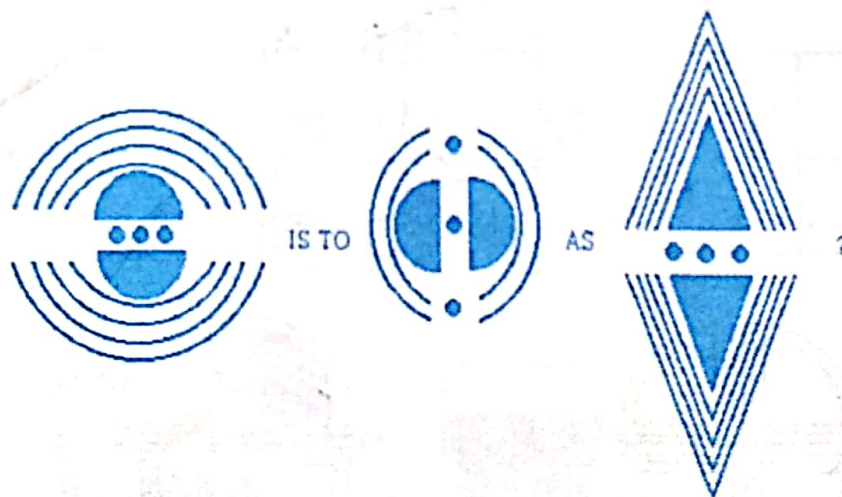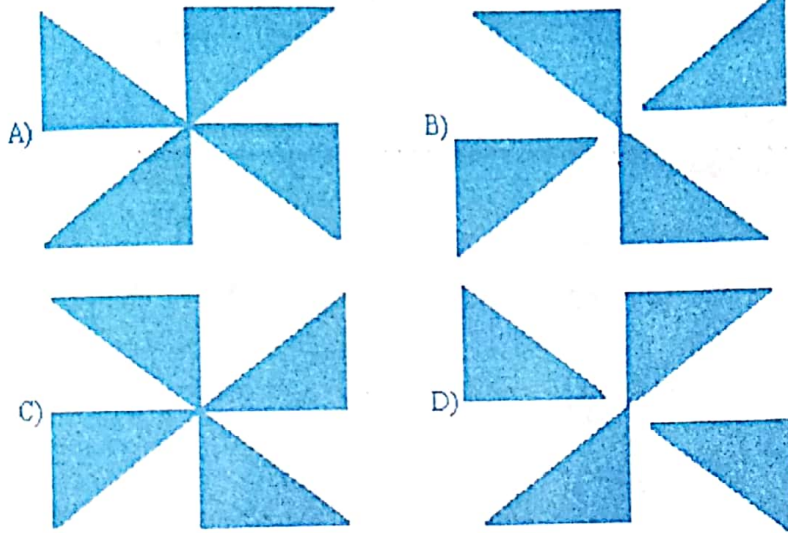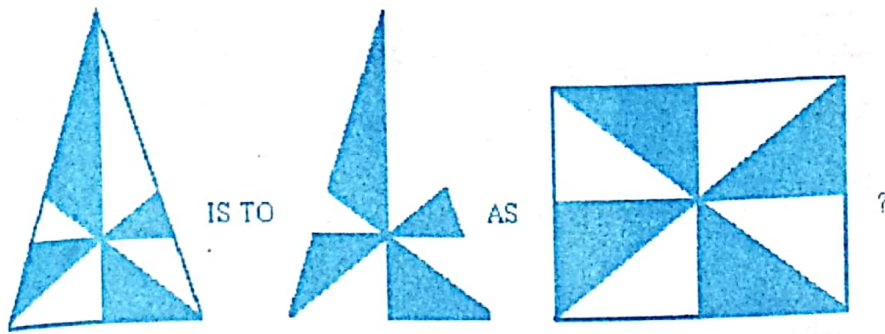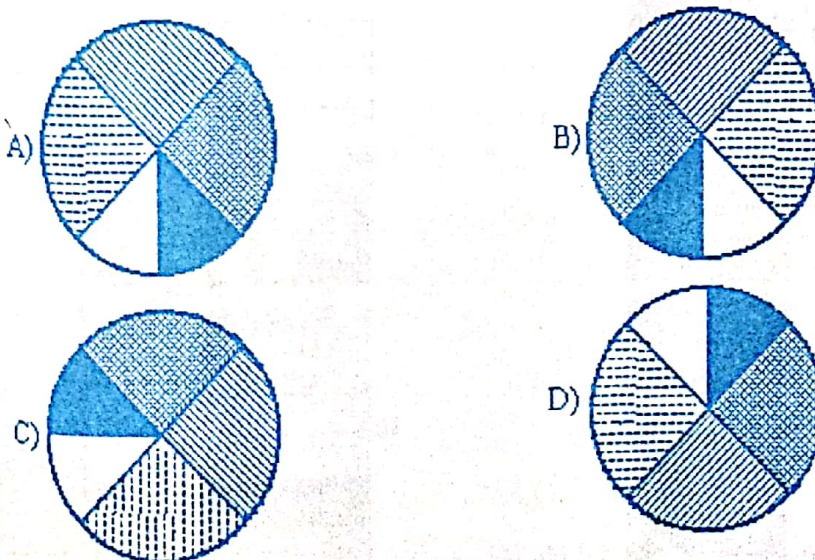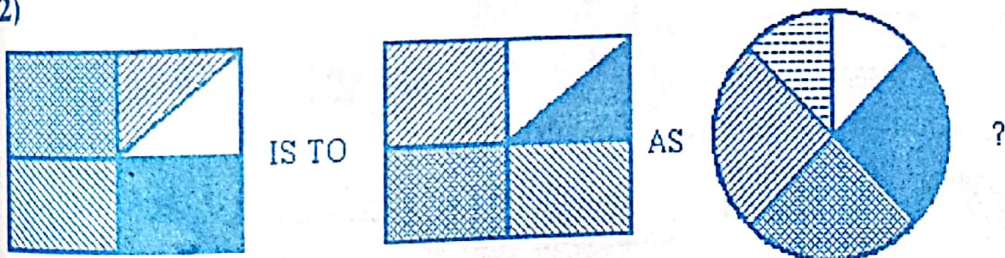
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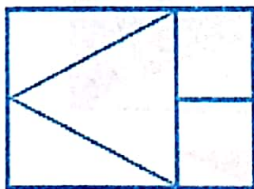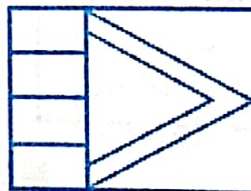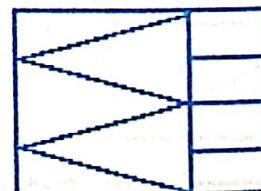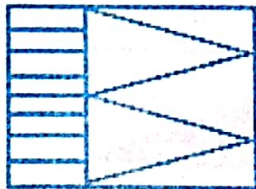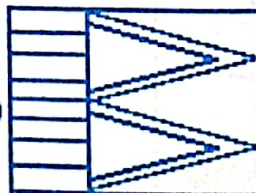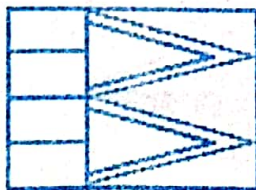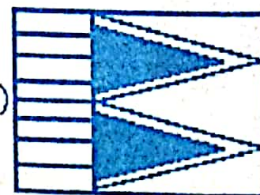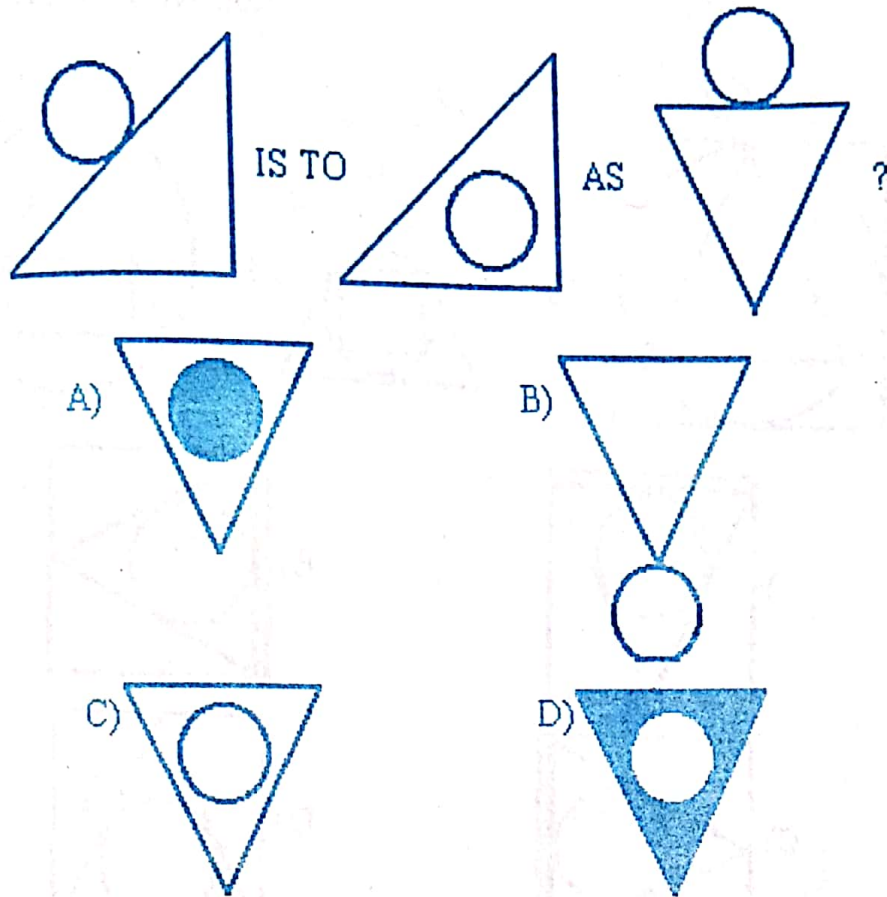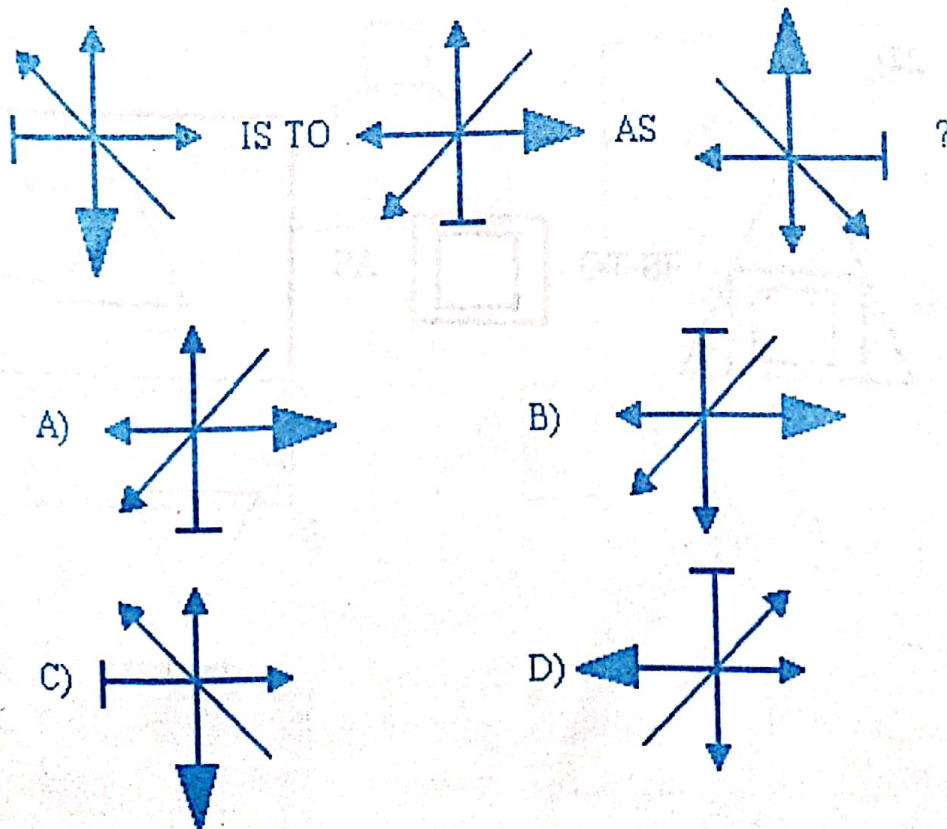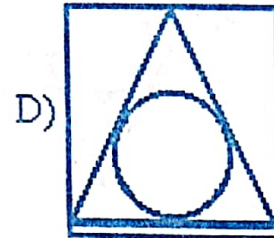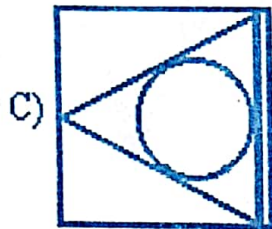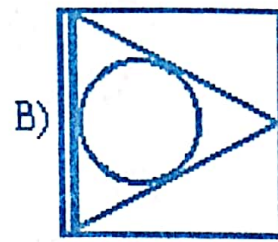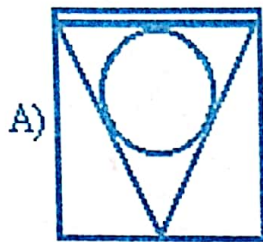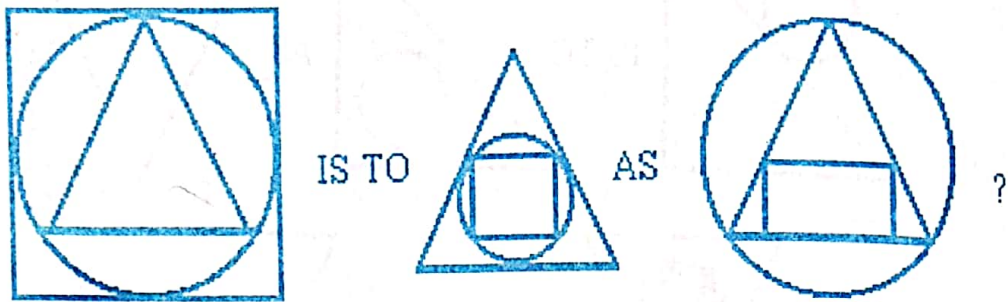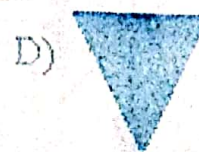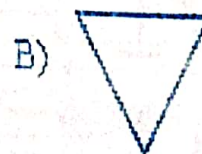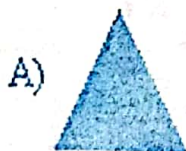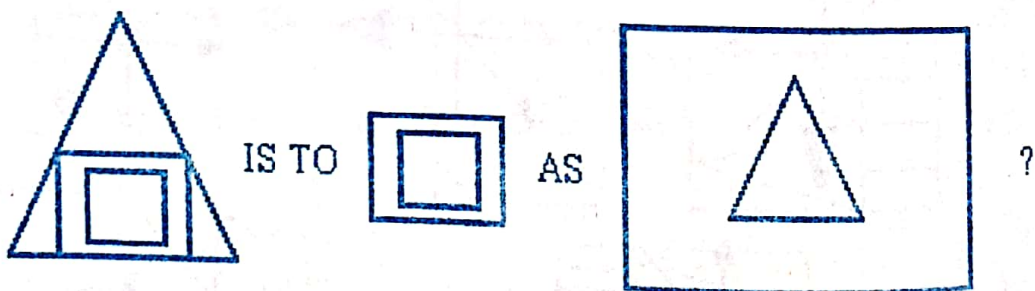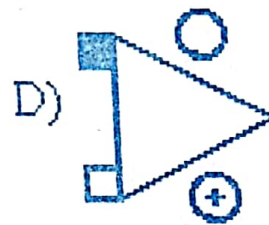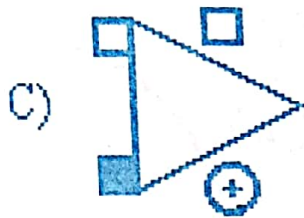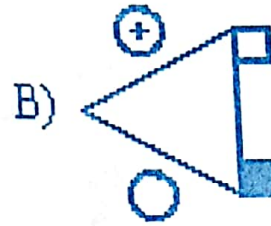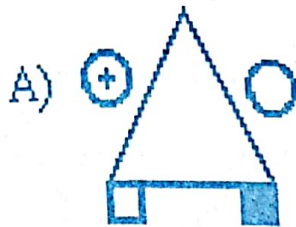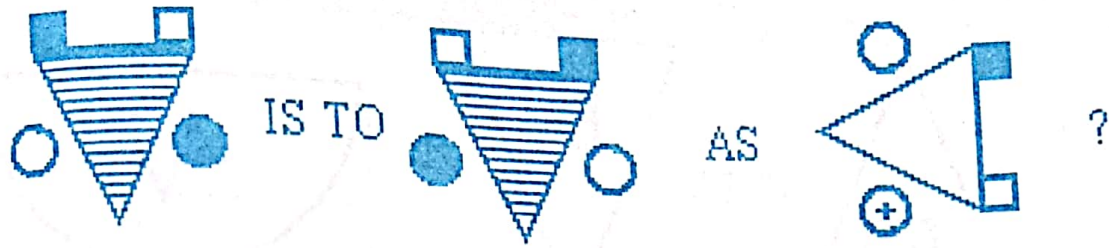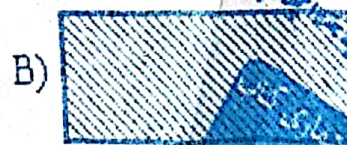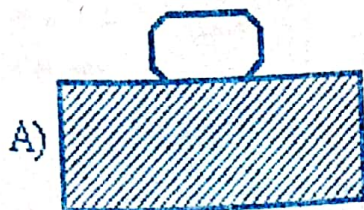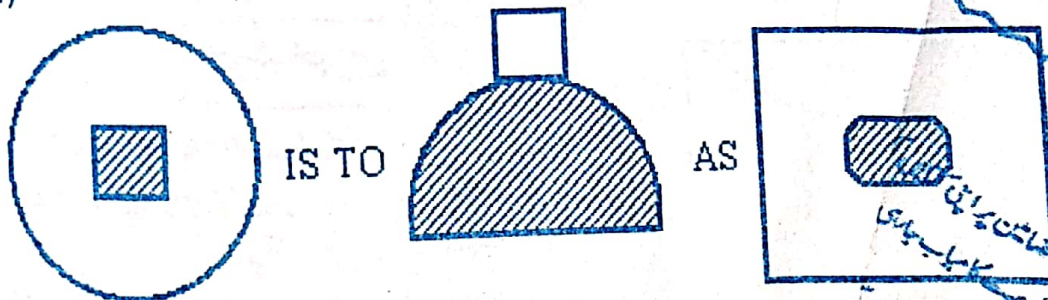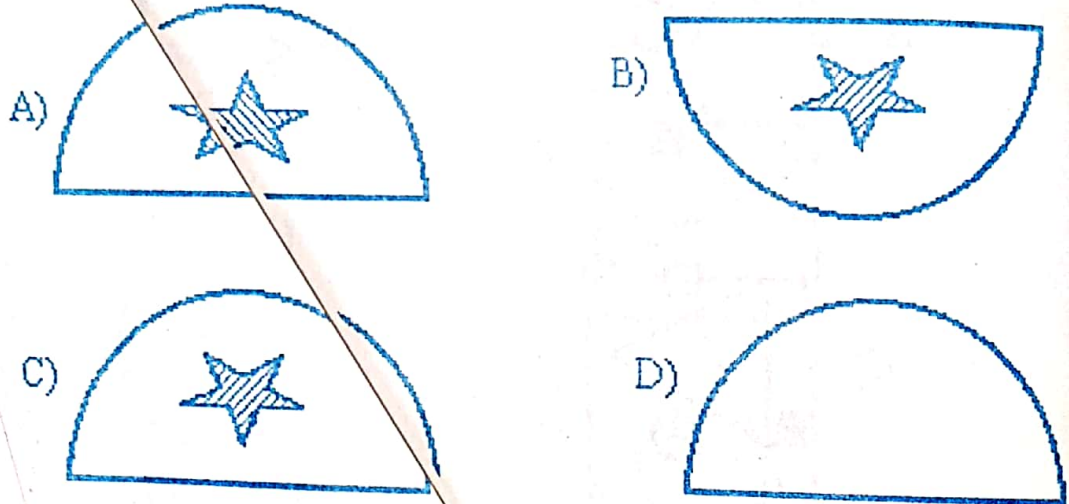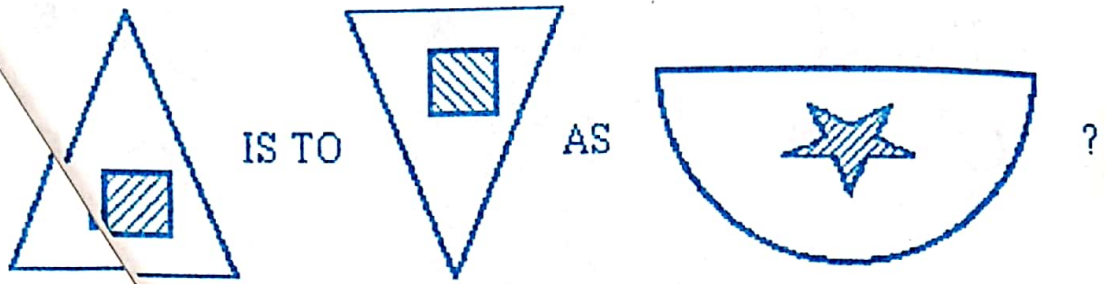
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NON-VERBAL SIMPLE TEST 2

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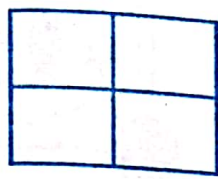
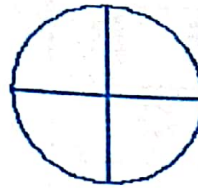
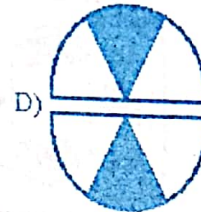
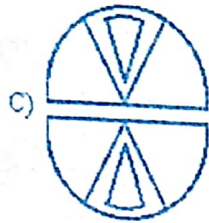
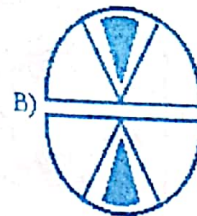
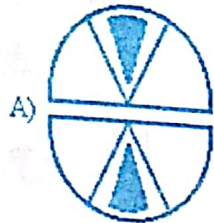
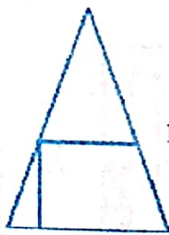
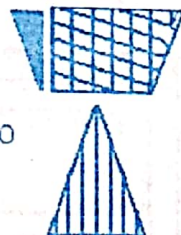
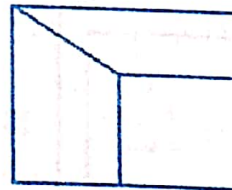
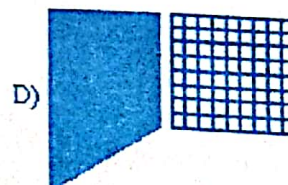
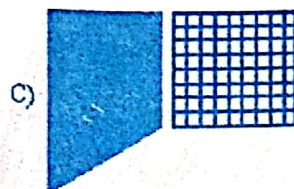
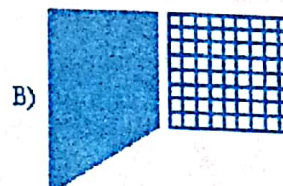
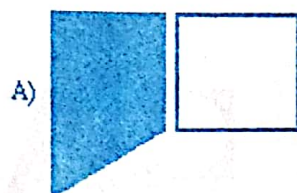
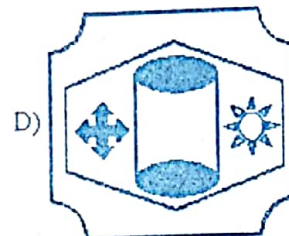
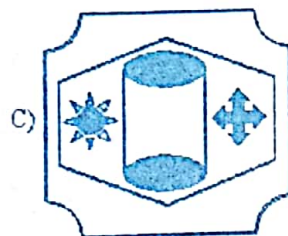
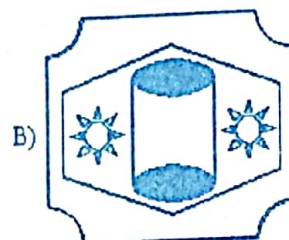
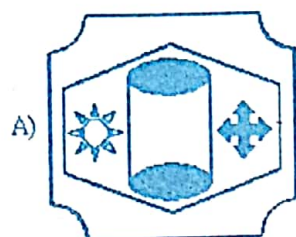
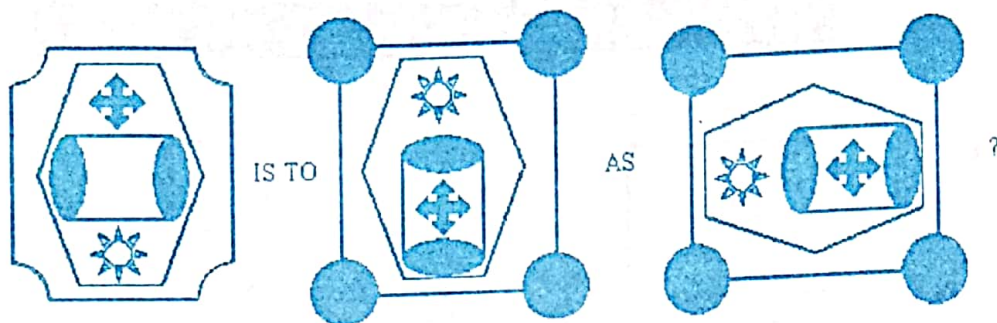
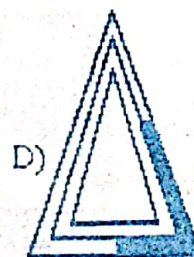
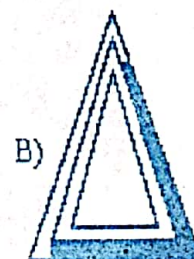
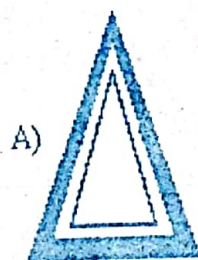
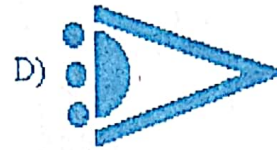
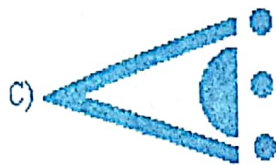
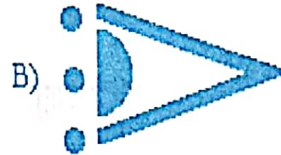
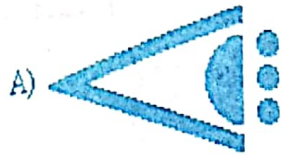
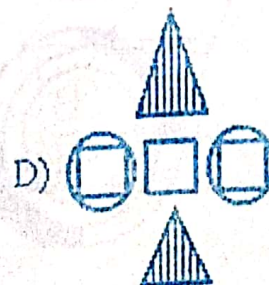
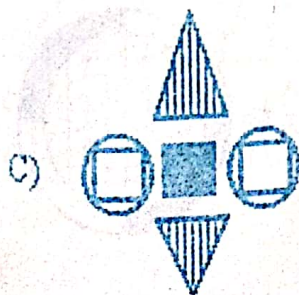
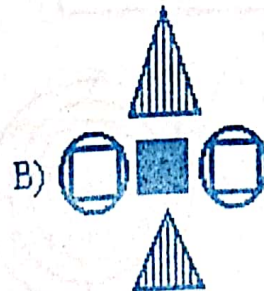
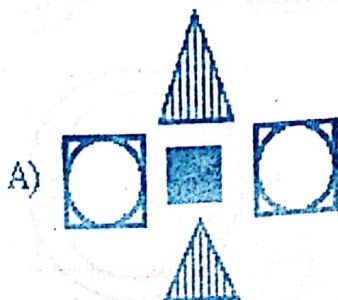
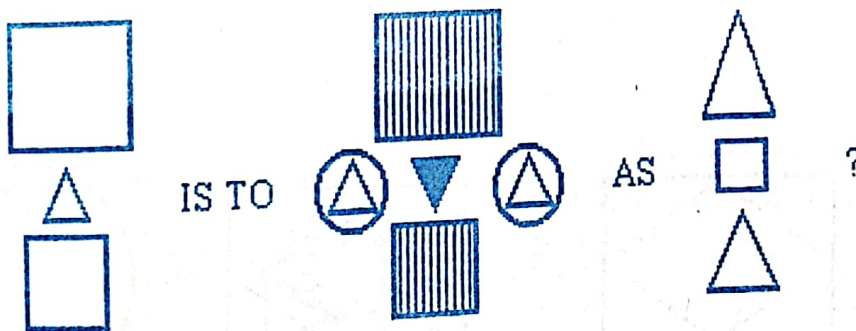
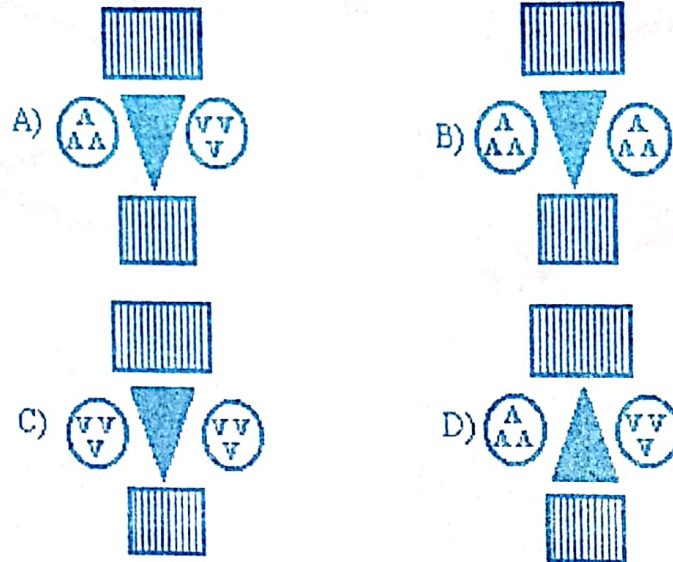
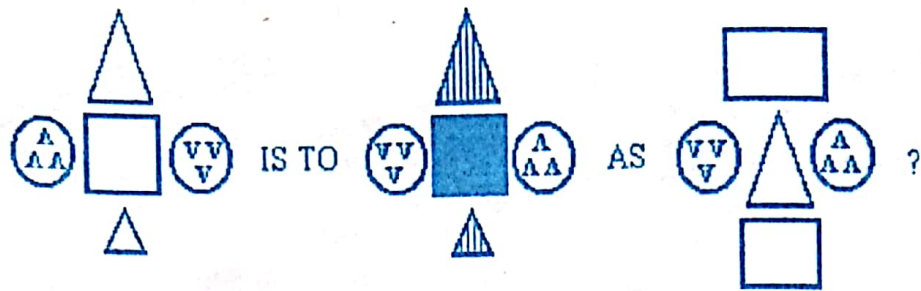
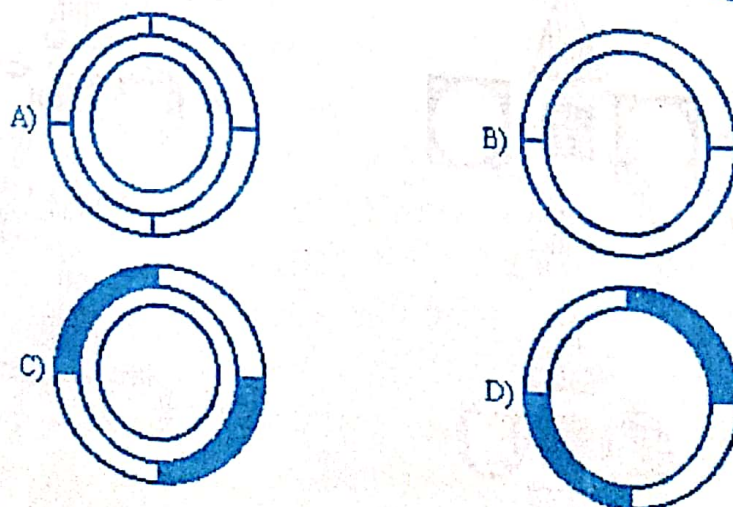
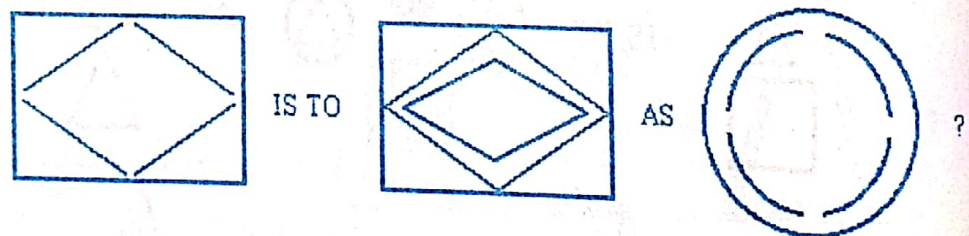
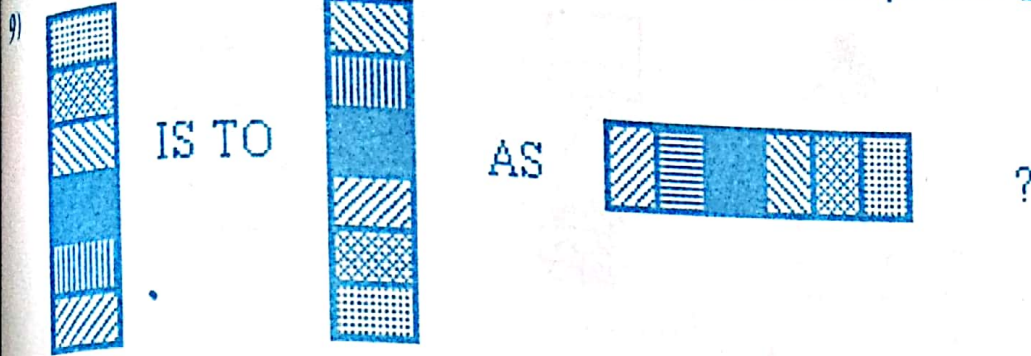
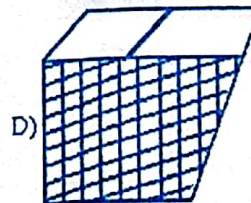
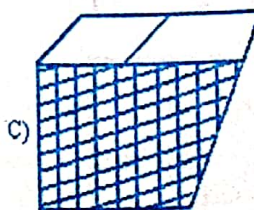
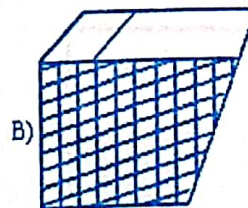
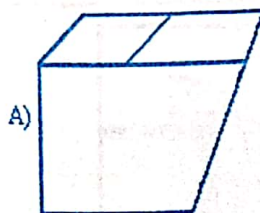
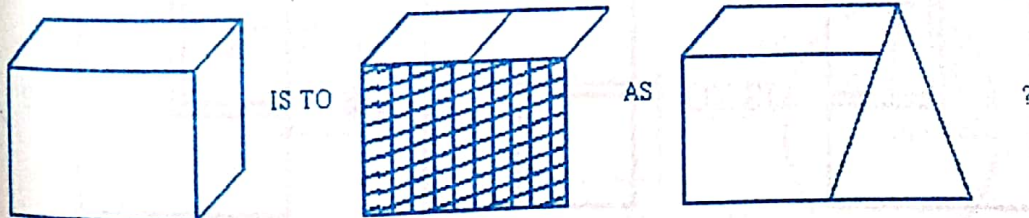
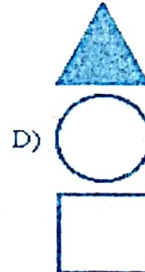
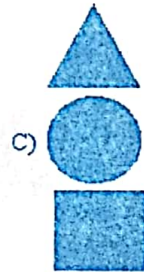
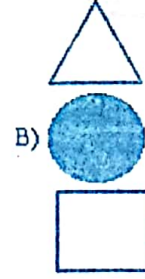
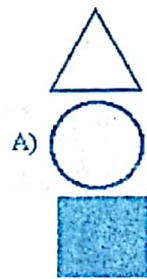
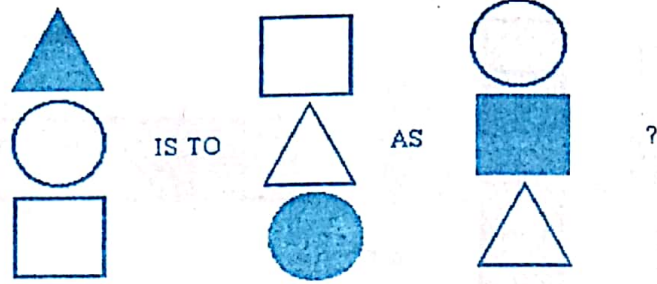
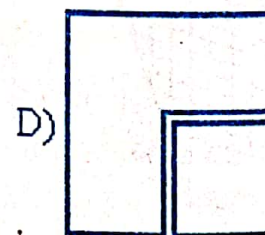
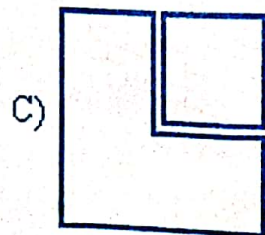
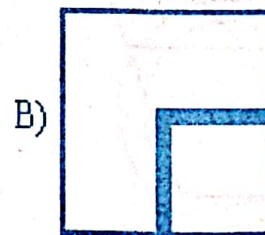
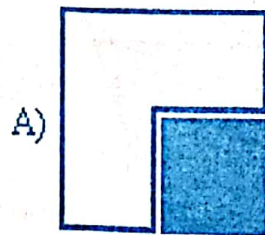
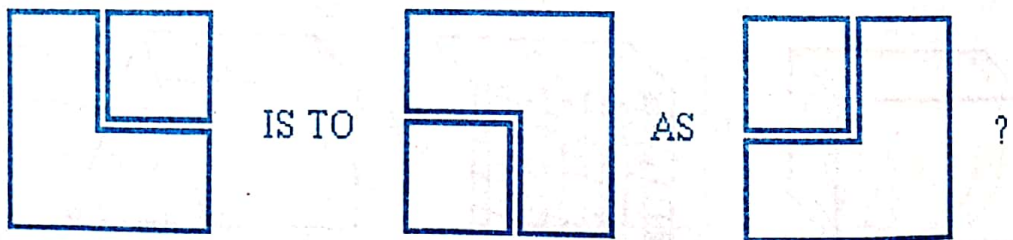
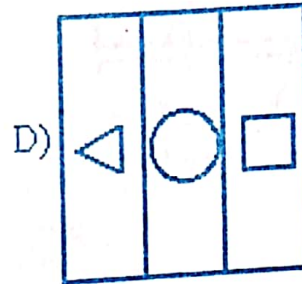
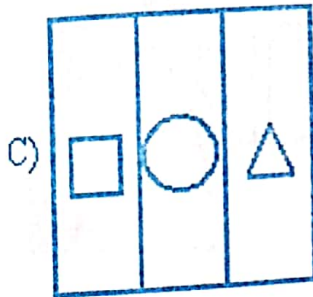
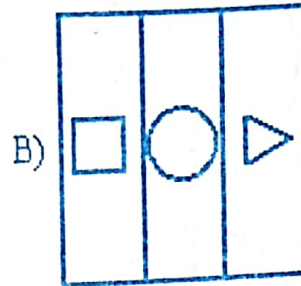
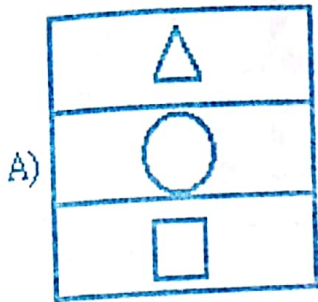
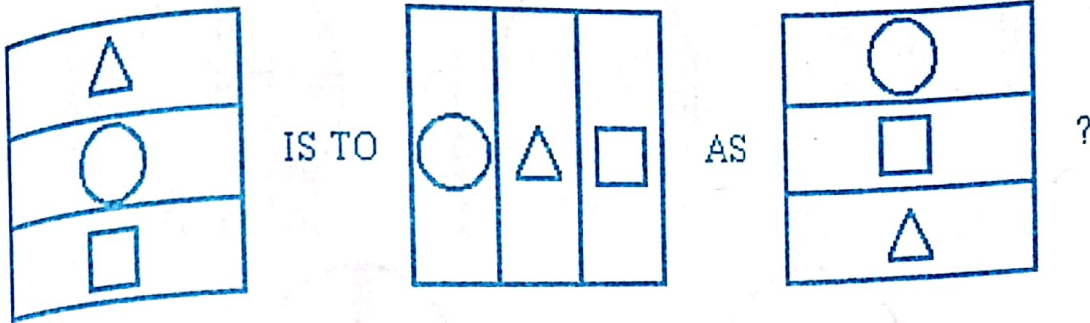
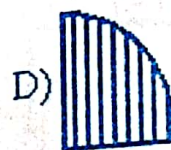
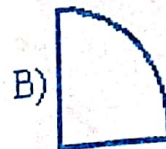
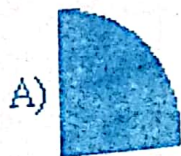
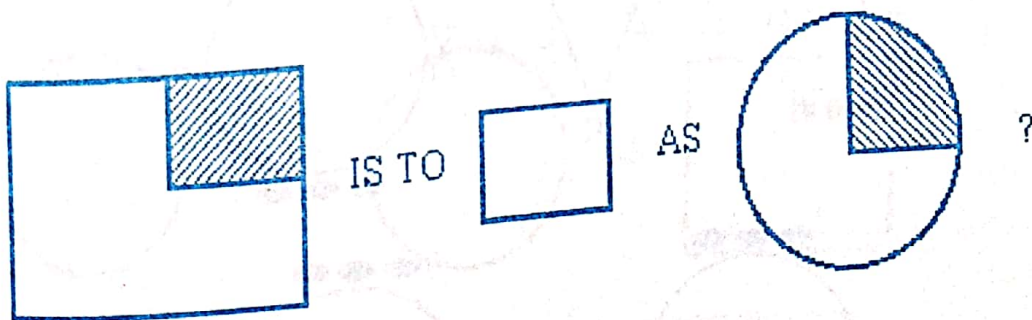
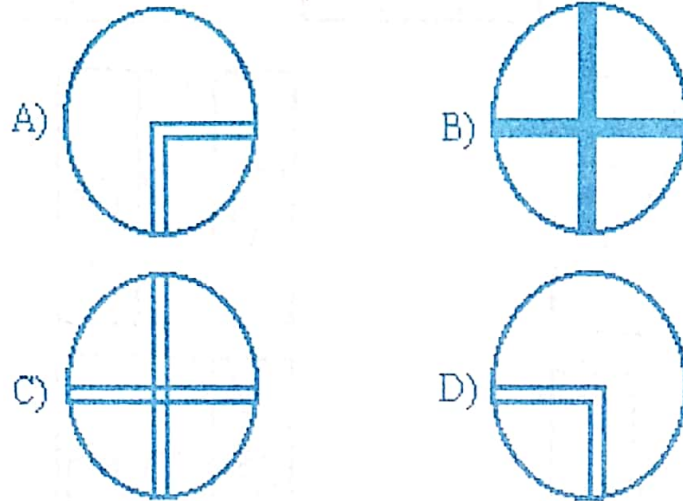
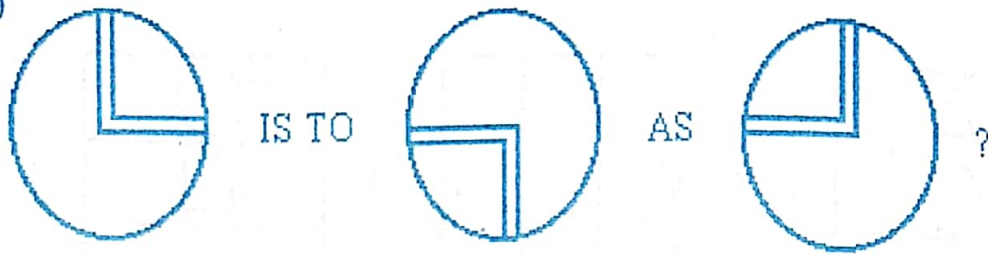
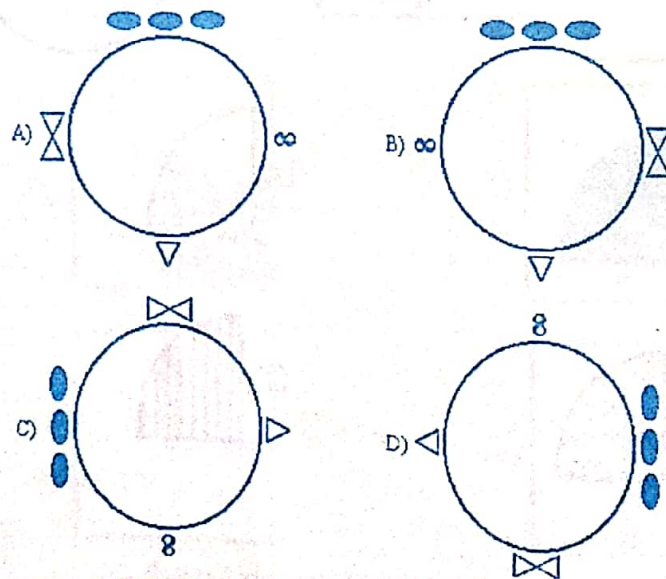
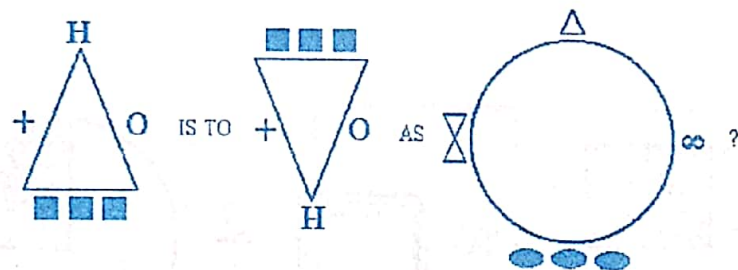
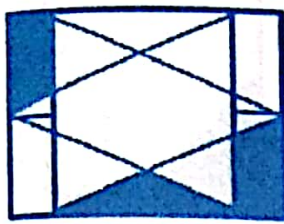
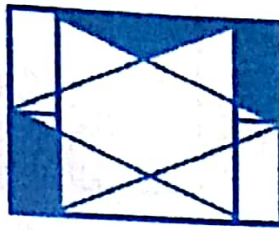
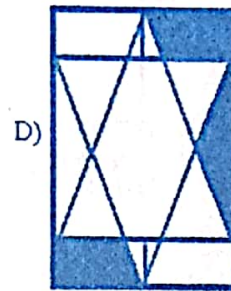
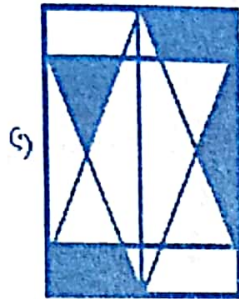
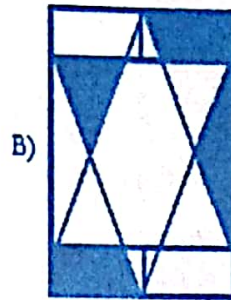
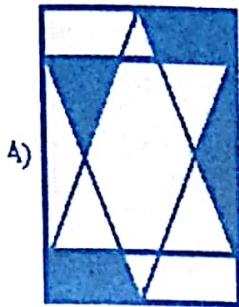
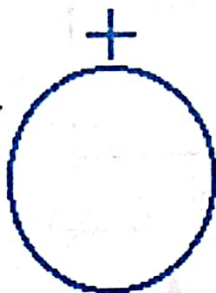
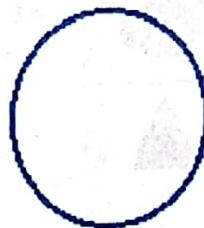
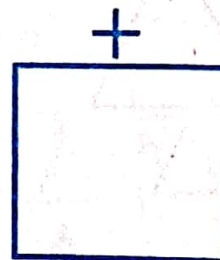
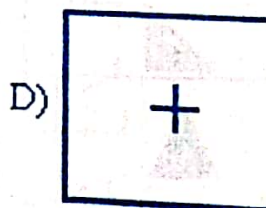
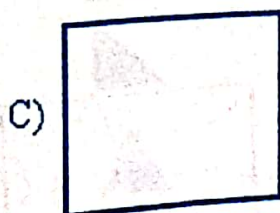
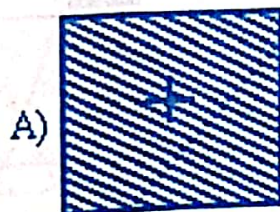
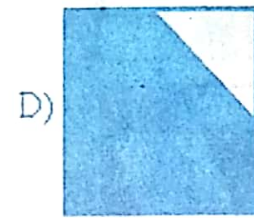
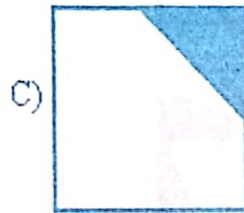
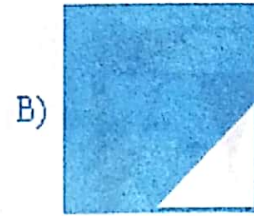
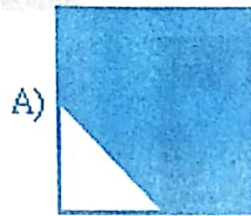
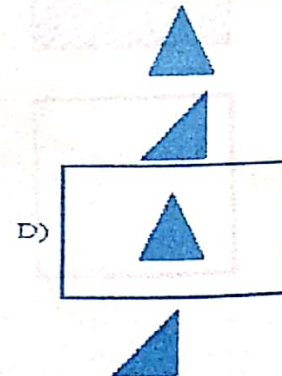
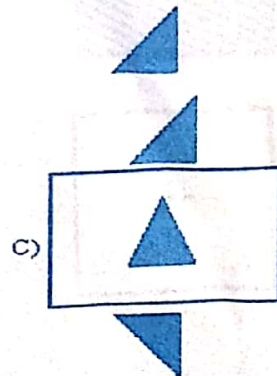
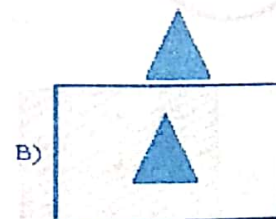
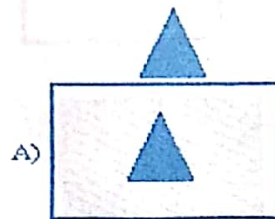
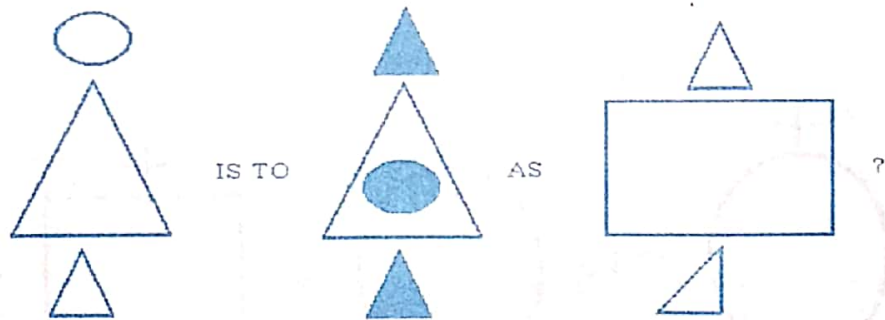
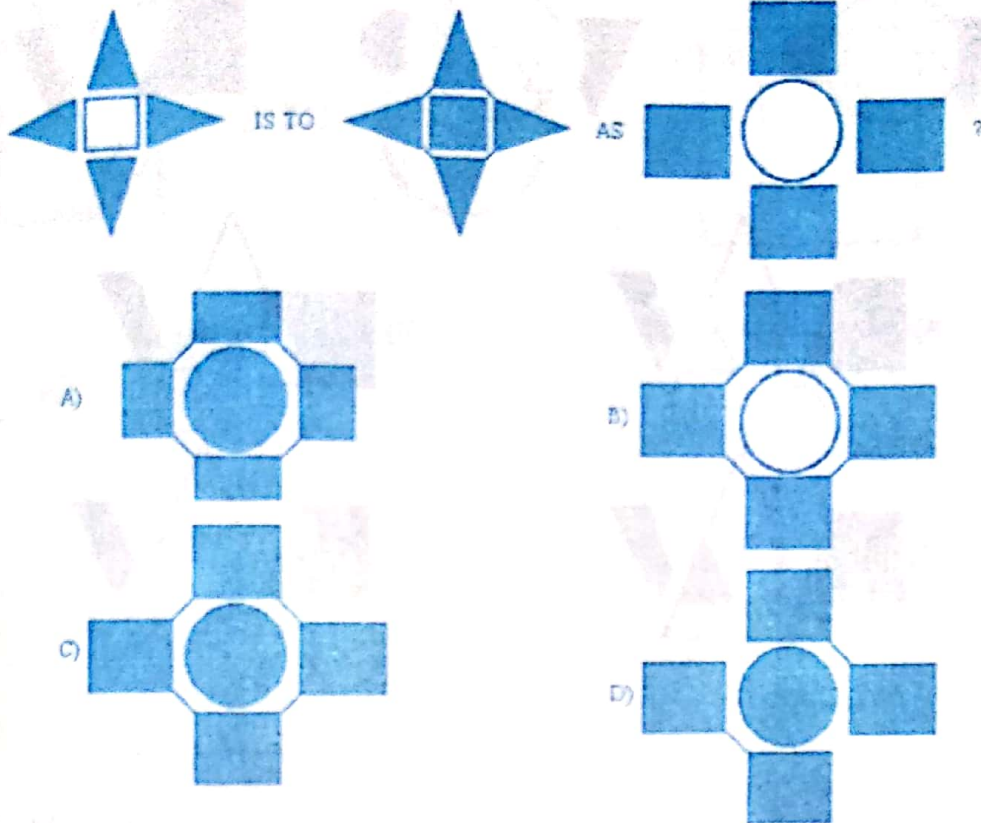
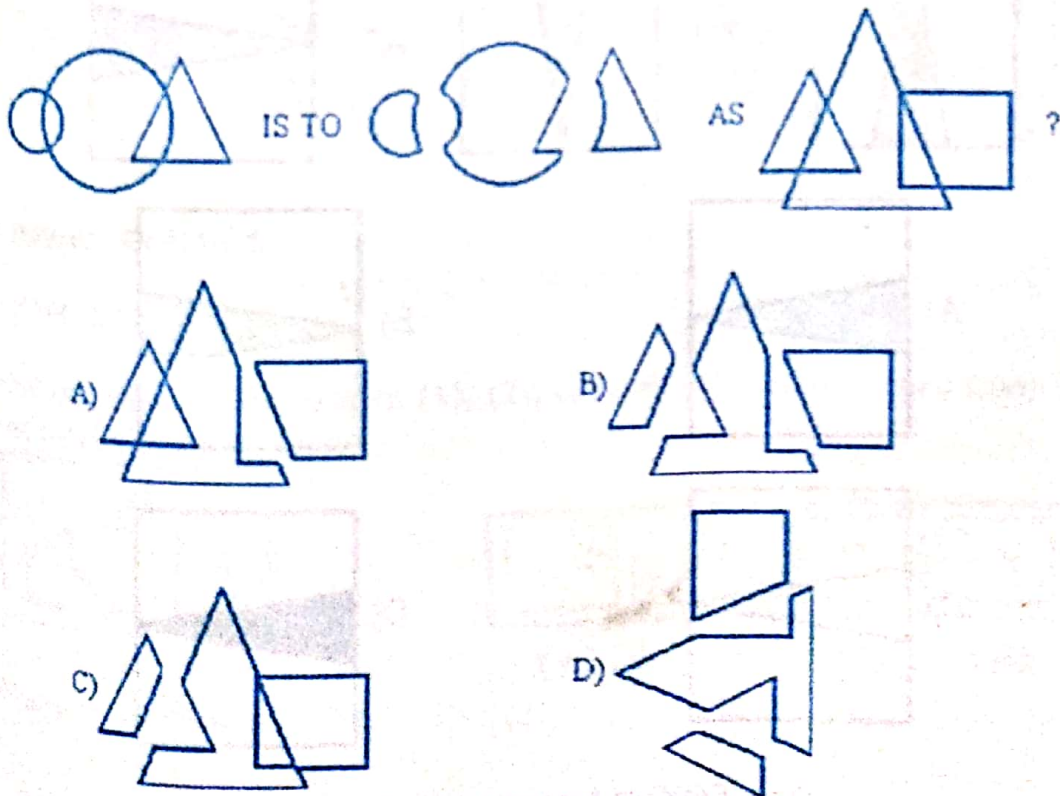
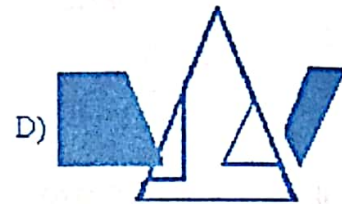
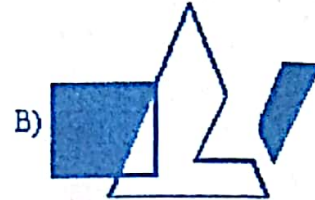
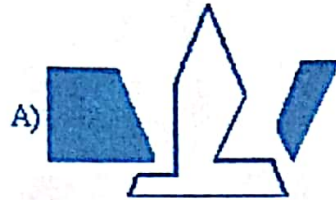
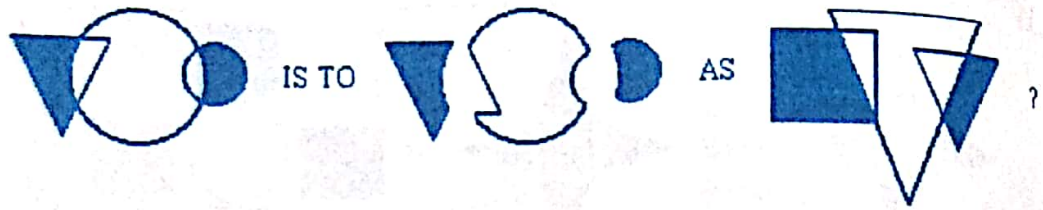
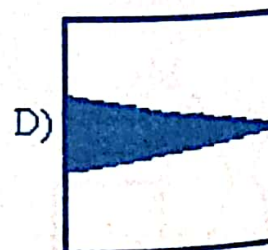
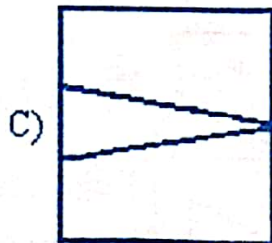
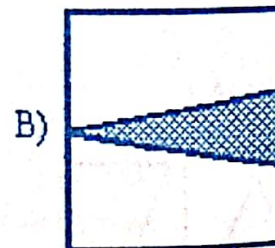
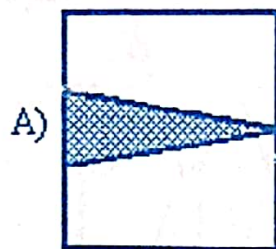
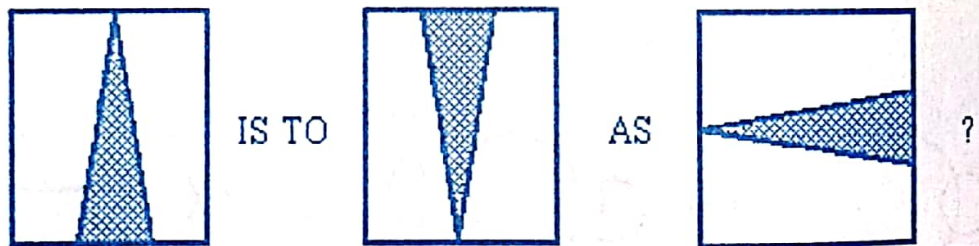
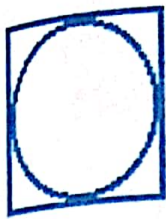
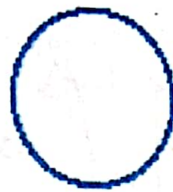
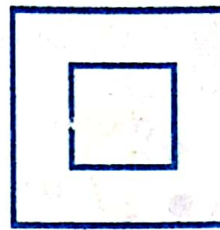
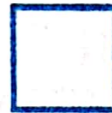
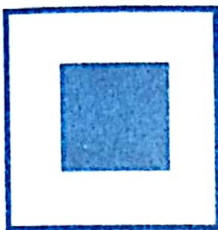
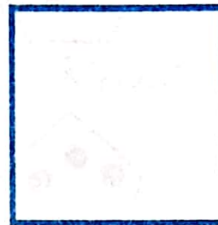
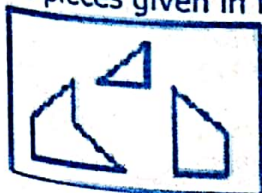
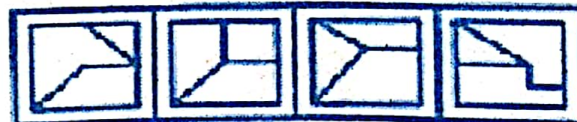

EXAMPLE:.

Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.

Answer: Option-C

EXAMPLE:

Find out which of the figures (1), (2), (3) and (4) can be formed from the pieces given in figure

Answer: Option-A

NON-VERBAL SIMPLE TEST 3

1)

is to as is to

A B

C D

2)

H

IS TO AS ?

H

3)

4)

5)

6)

7)

 IS TO AS ?

A)

B)

C)

D)

8)

 IS TO AS ?

A)

B)

C)

D)

9)

IS TO AS ?

A)

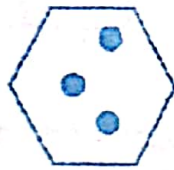
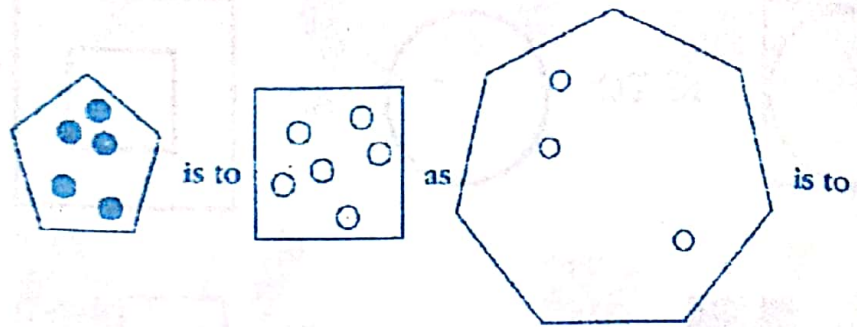
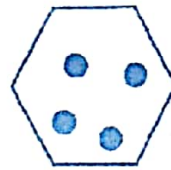
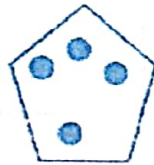
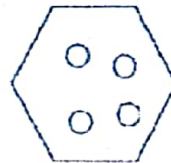
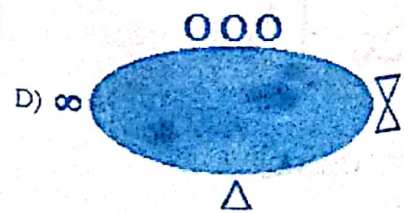
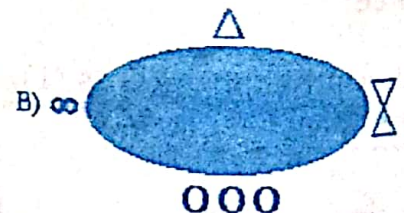
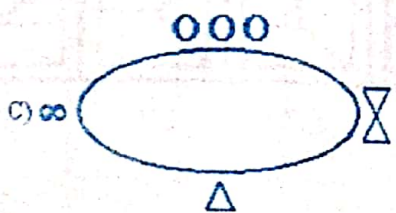
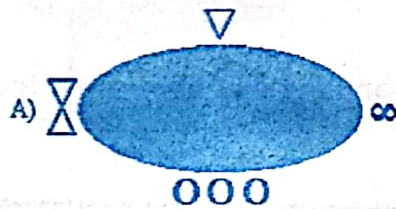
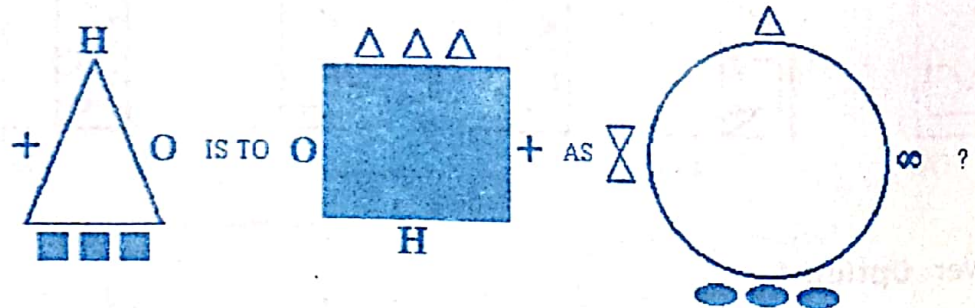
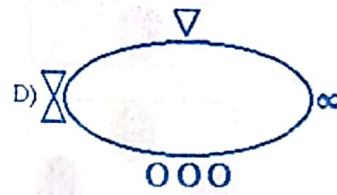
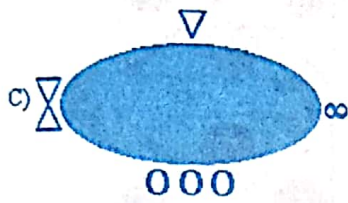
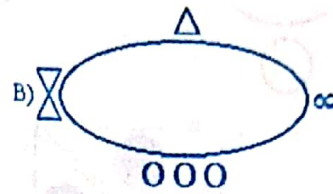
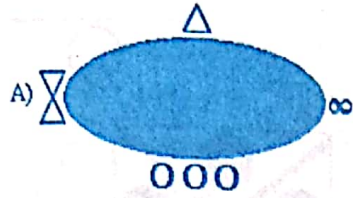
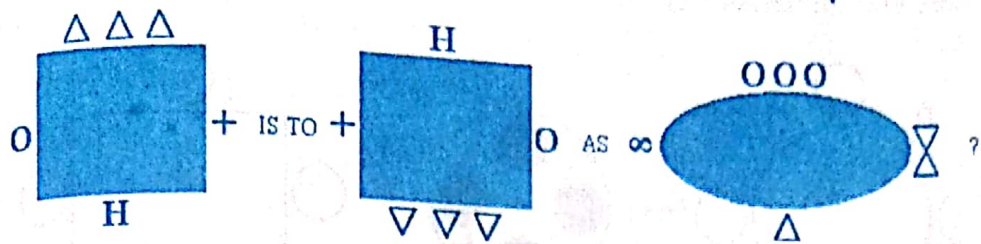
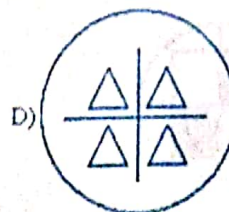
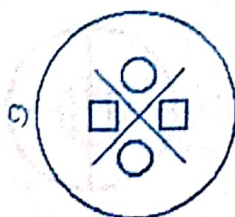
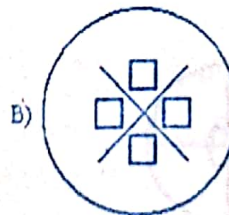
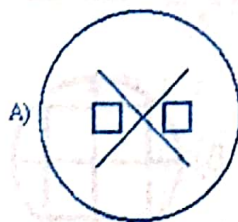
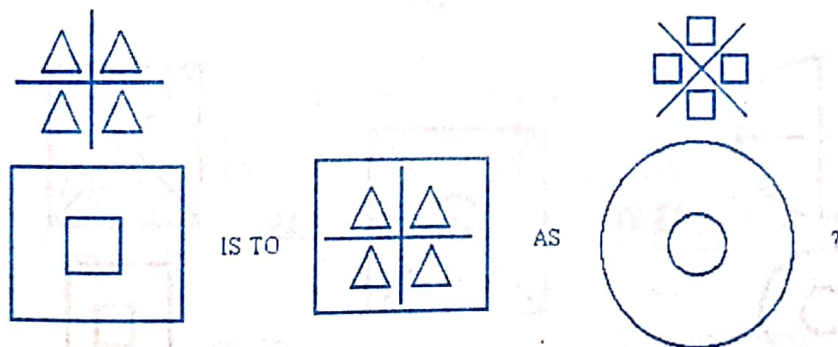
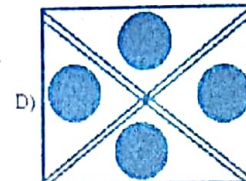
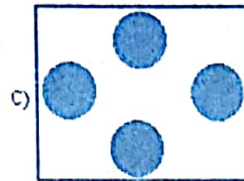
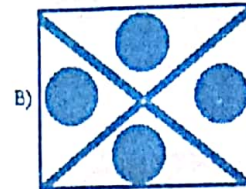
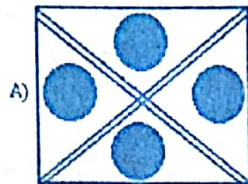
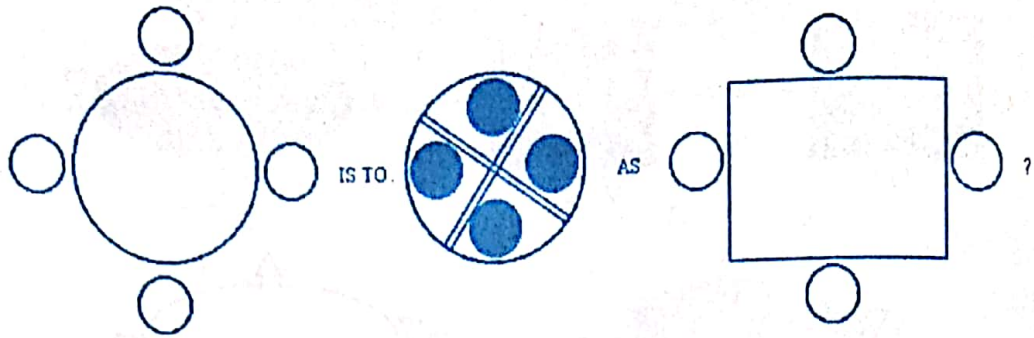
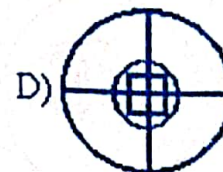
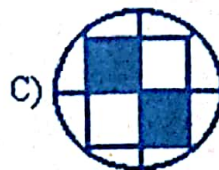
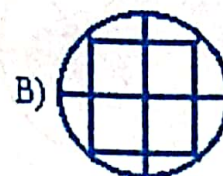
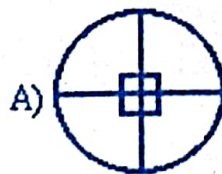
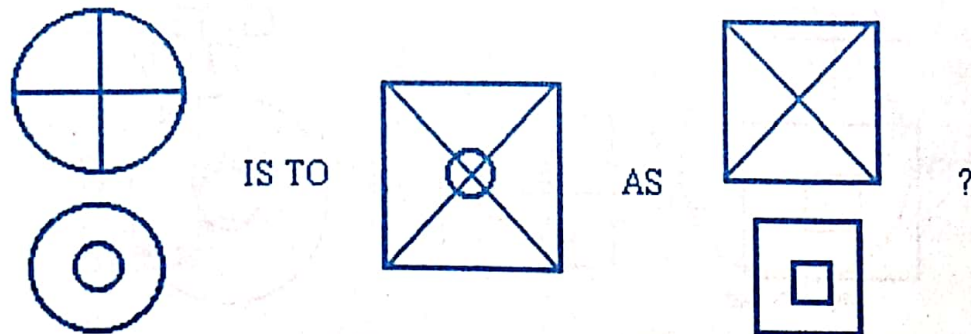
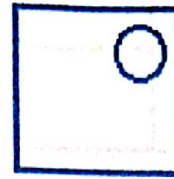
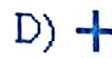
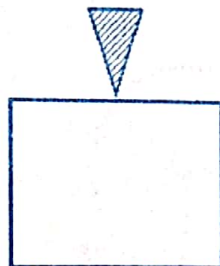
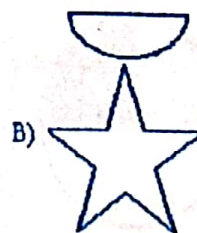
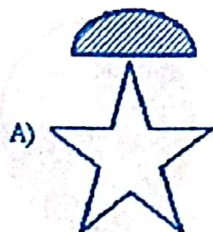
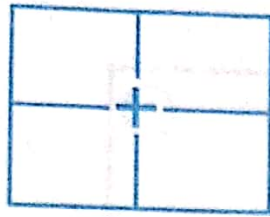
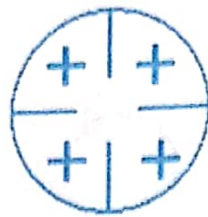
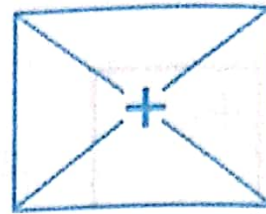
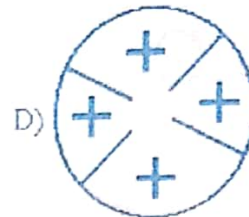
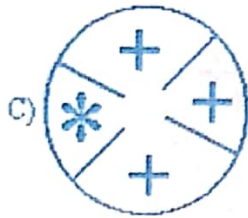
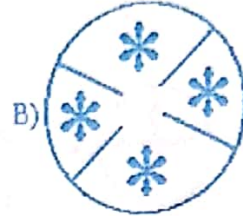
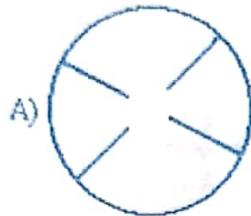
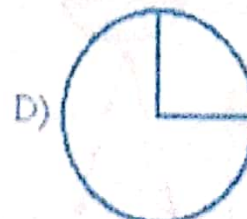
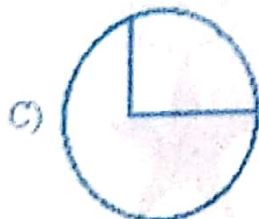
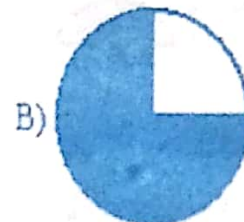
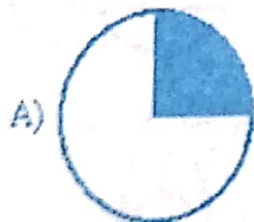
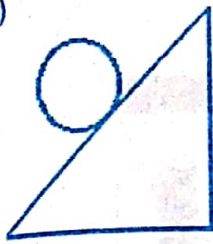
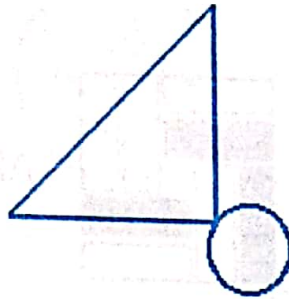
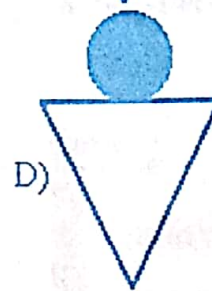
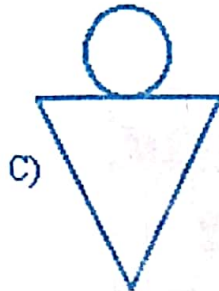
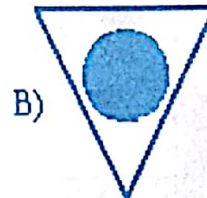
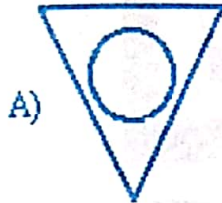
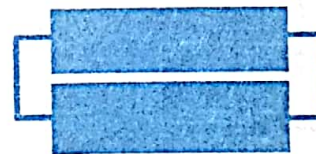
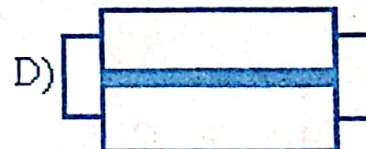
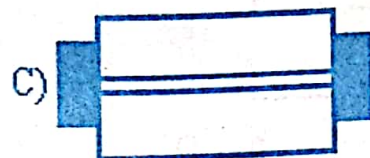
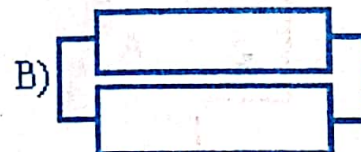
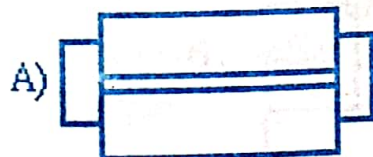
B)

C)

D)

10)

11)

12)

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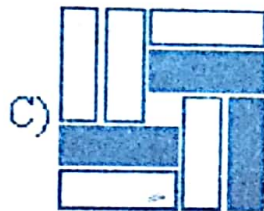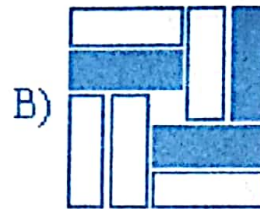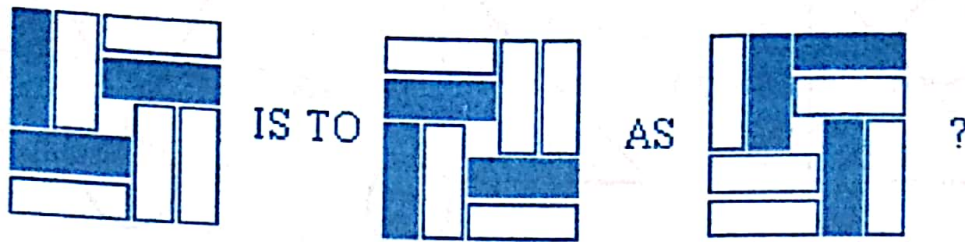
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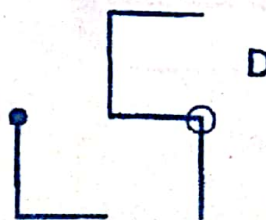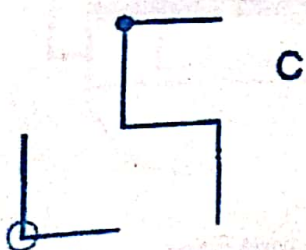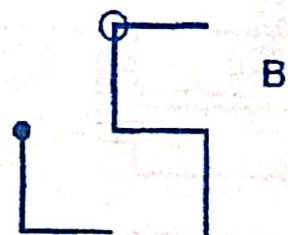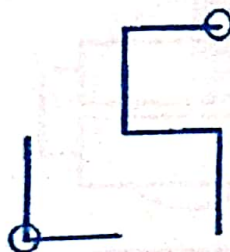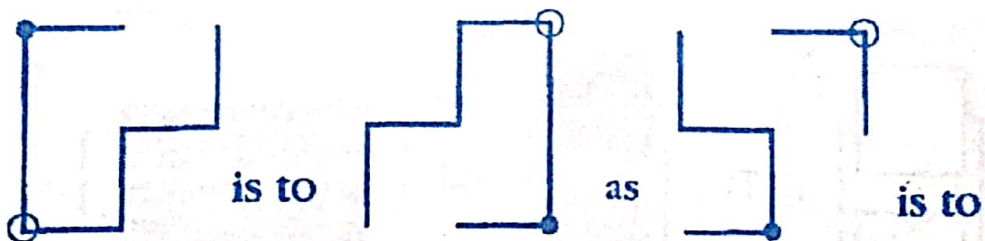
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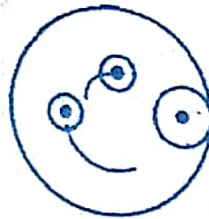
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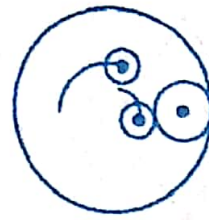
as

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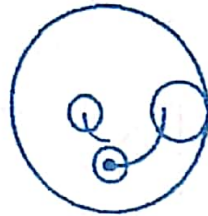
A

B

C

D

16)

is to

as

is to

A

B

C

D

17)
is to
as
is to
A
B
C
D
18)
is to
as
is to
A
B
C
D

19)

20)

21)

22)

is to as is to

23)

24)

25)

is to as is to

A

B

C

D

NON-VERBAL SIMPLE TEST 4

1)

is to as is to

A

B

C

D

2)

is to as is to

A

B

C

D

3)

4)
is to
as
is to
A
B
C
D
5)
is to
as
is to
A
B
C
D

6)

8)

Scanned with CamScanner

10)

12)

13)

14)

15)

16)

17)

Scanned with CamScanner

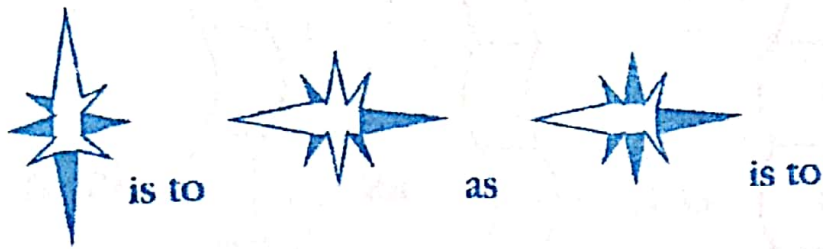
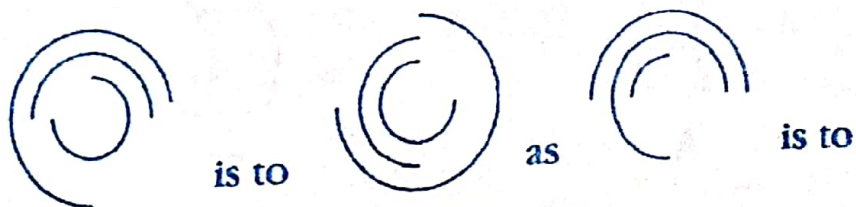
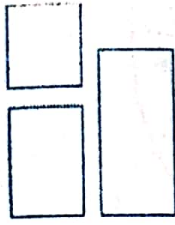
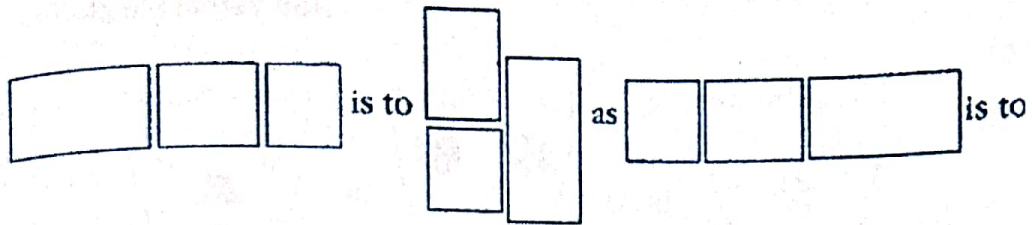
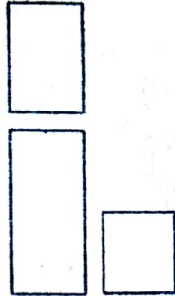
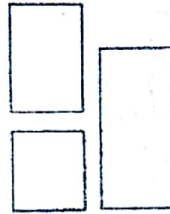
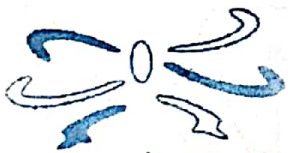
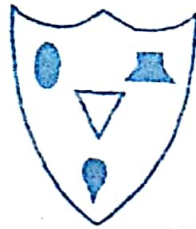
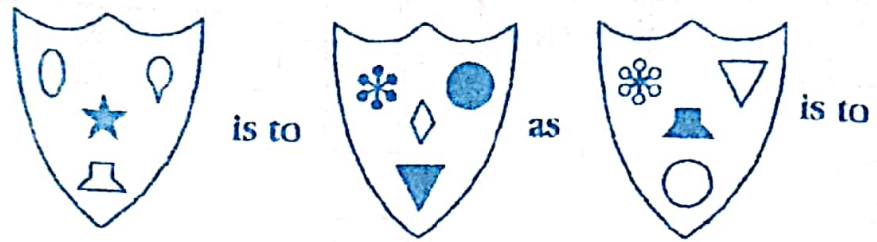
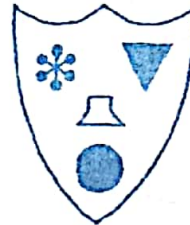
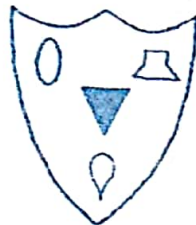
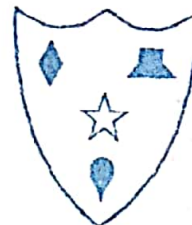
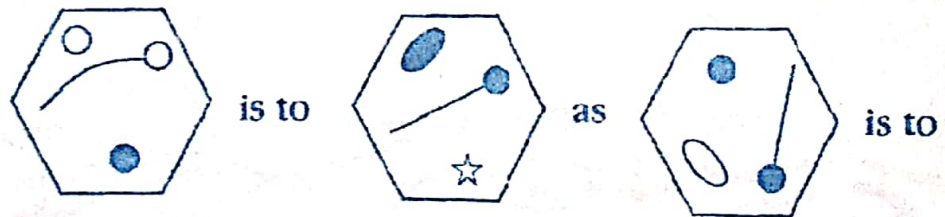
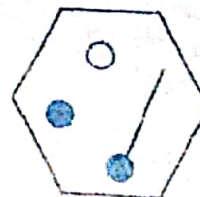
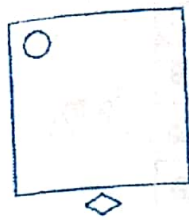
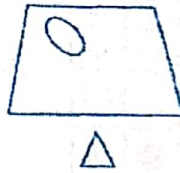
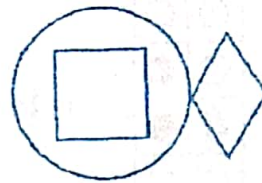
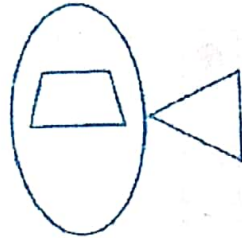
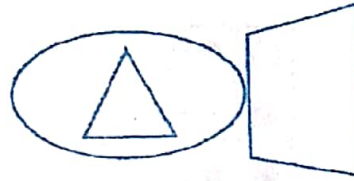
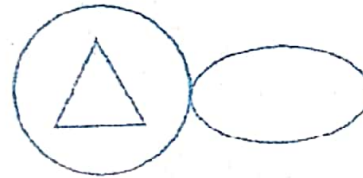
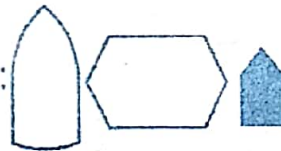
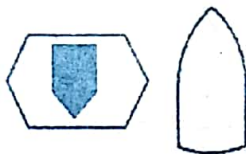
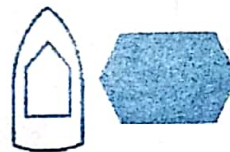
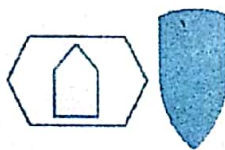
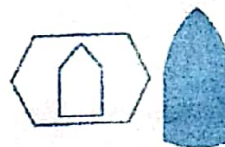
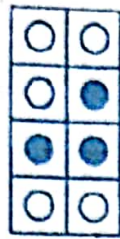
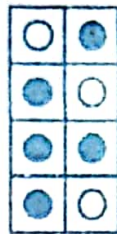
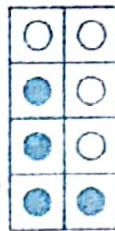
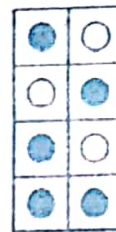
18)

19)

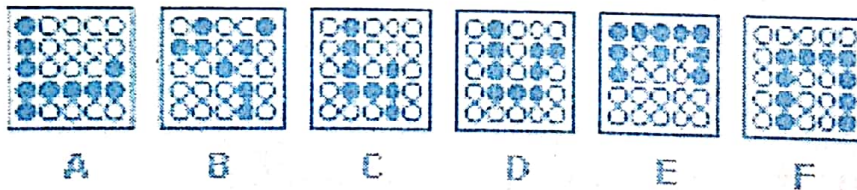
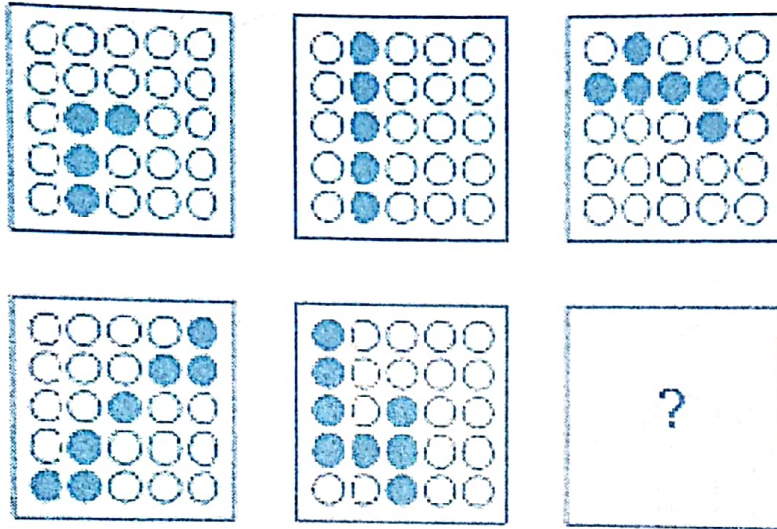
20)

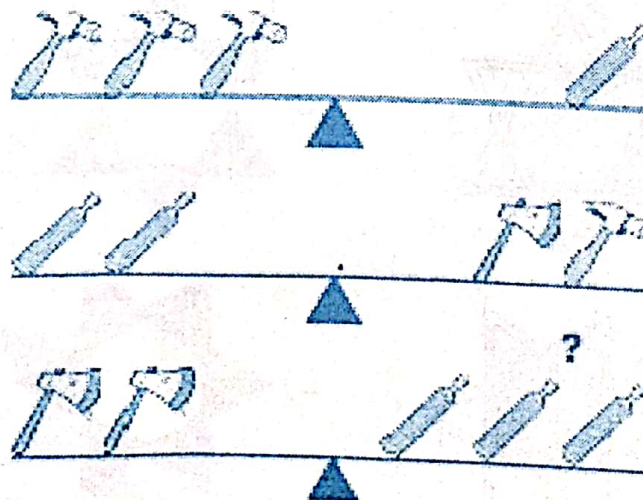
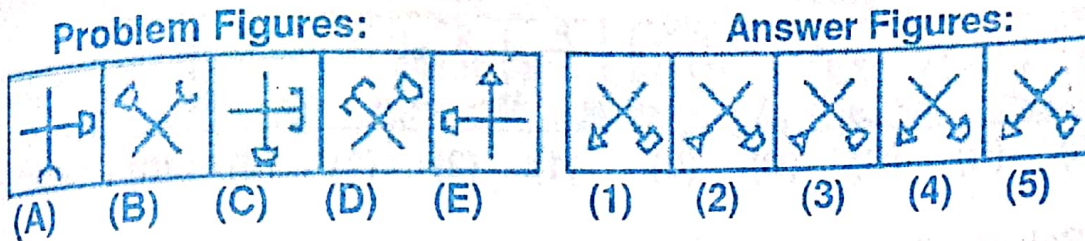
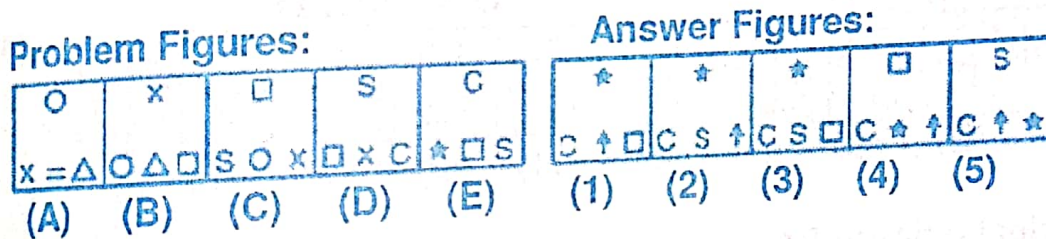
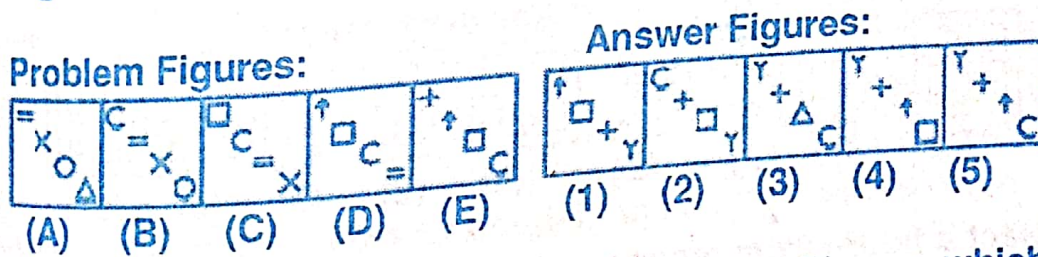
21)

22)

24)

NON-VERBAL SIMPLE TEST-5

1)

What is missing in the last grid?

2.)

Which tool will make the last scale balance?

3). Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures

4).Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

5). Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

6.Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

7).Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures: Answer Figures:

(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

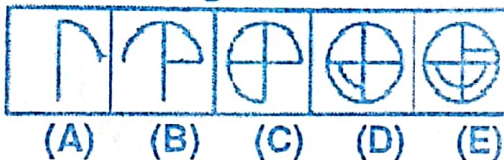
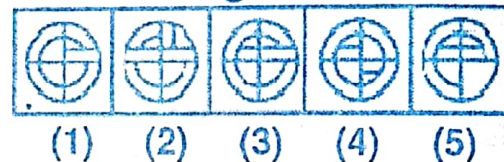
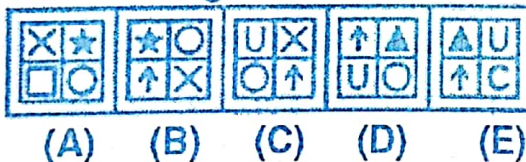
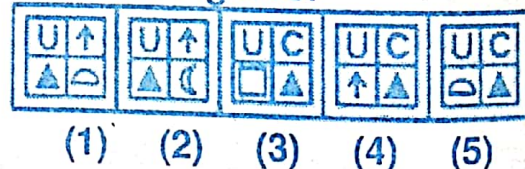
8).Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures: Answer Figures:

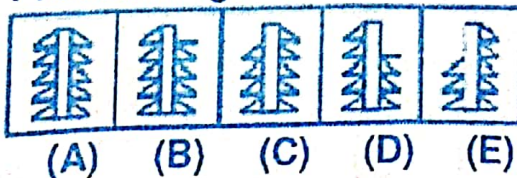
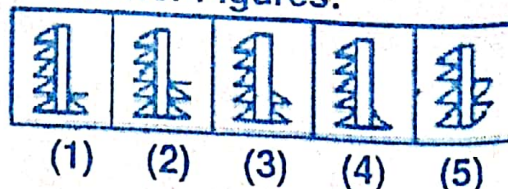
(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

9).Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures: Answer Figures:

(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

10.Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures: Answer Figures:

(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

11.)Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:

(A) (B) (C) (D) (E)

Answer Figures:

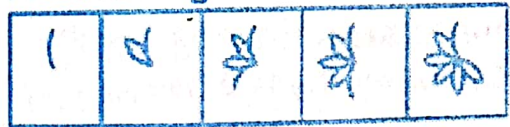
(1) (2) (3) (4) (5)

12). Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:

Answer Figures:

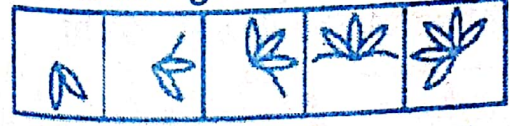
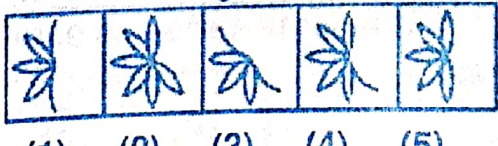
(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

13) .Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:

(A) (B) (C) (D) (E)

Answer Figures:

(1) (2) (3) (4) (5)

14) Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures: Answer Figures:

(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

15)Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:

Answer Figures:

16) Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

17) Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

18) Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

19) Find the number of triangles in the given figure.

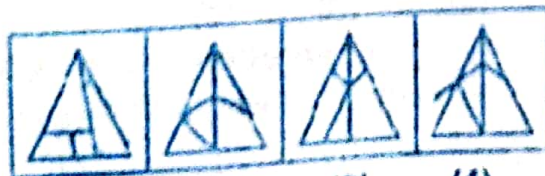
A)8 B) 10 C) 12 D) 14

20)Find the number of triangles in the given figure.

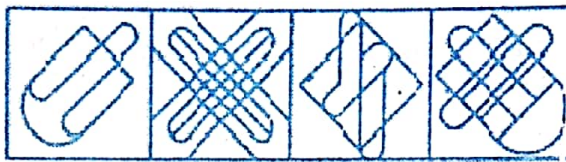
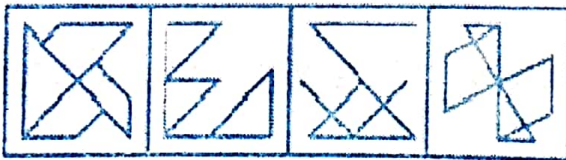
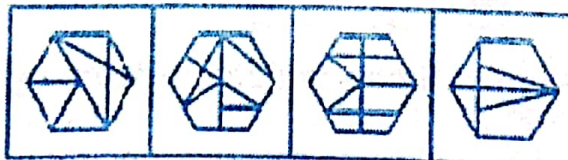
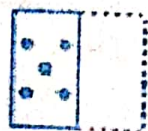
A) 5 B) 6 C) 8 D) 10

21)Find out the alternative figure which contains figure (X) as its part.

(X) (1) (2) (3) (4)

22)Find out the alternative figure which contains figure (X) as its part.

(X) (1) (2) (3) (4)

23)Find out the alternative figure which contains figure (X) as its part.

24)Find out the alternative figure which contains figure (X) as its part.

25) Find out the alternative figure which contains figure (X) as its part.

26)Find out the alternative figure which contains figure (X) as its part.

27) Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.

28) Choose the alternative which is closely resembles the mirror image of the given combination.

UTZFY6KH

(1) HK9YℲZꓕՈ (2) ՈꓕZꟻ⅄9KH

(3) HK6⅄ℲZꓕՈ (4) HꓘɘYꟻZTU

29) Identify the figure that completes the pattern.

(X) (1) (2) (3) (4)

30) Identify the figure that completes the pattern.

(X) (1) (2) (3) (4)

31) Choose the figure which is different from the rest.

(1) (2) (3) (4) (5).

32) Choose the alternative which is closely resembles the water-image of the given combination.

bridge

(1) pɿ!qɡe (2) pʟ!qɡe

(3) pɿ!qɡe (4) pʟ!pɡe

33) Choose the alternative which is closely resembles the water-image of the given combination.

ab45CD67

(1) ap42CDe7　　(2) ap42CDe7

(3) ap42CD97　　(4) ap42CDe7

34) Choose the figure which is different from the rest.

(1) (2) (3) (4) (5)

35) Choose the figure which is different from the rest.

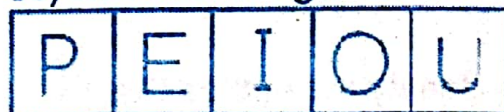
(1) (2) (3) (4) (5)

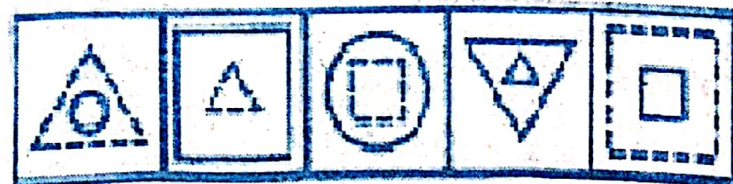
36) Choose the figure which is different from the rest.

(1) (2) (3) (4) (5)

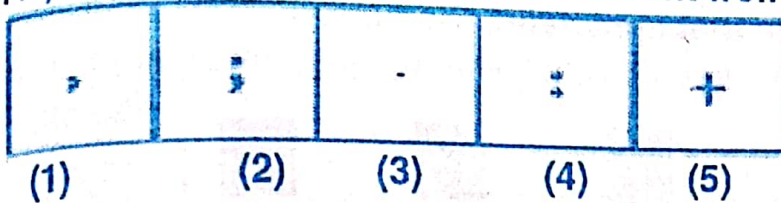
37) Choose the figure which is different from the rest.

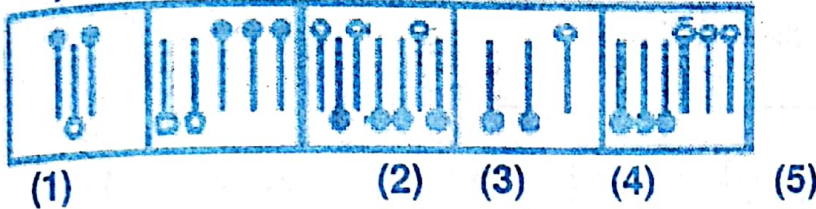
(1) (2) (3) (4) (5)

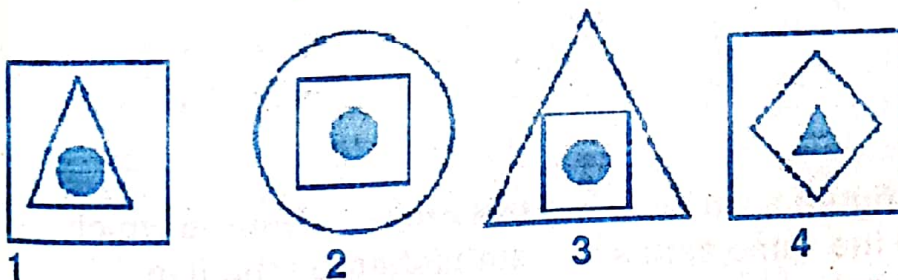
38) Choose the figure which is different from the rest.

(1) (2) (3) (4) (5)

39) Choose the figure which is different from the rest.

(1) (2) (3) (4) (5)

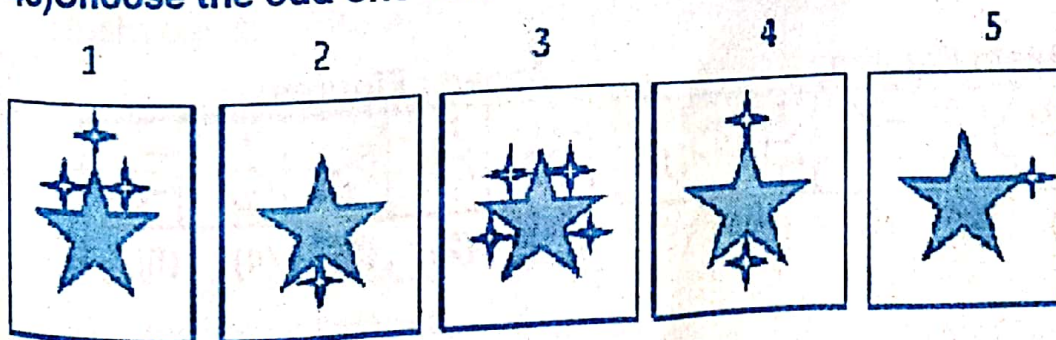
40)Choose the figure which is different from the rest.

(1) (2) (3) (4) (5)

41)Choose the figure which is different from the rest.

(1) (2) (3) (4) (5)

42) choose the image that completes the patron

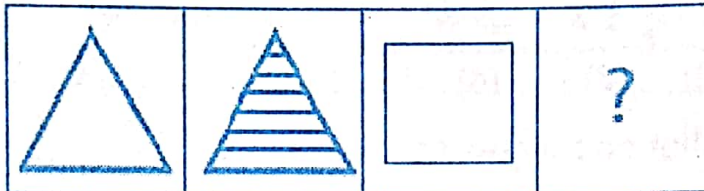
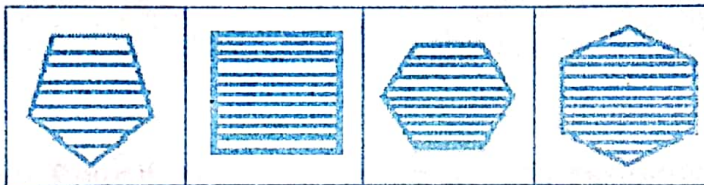
Which of the shapes below replaces the missing box above?

1 2 3 4

43)Choose the odd one out:

1 2 3 4 5

.44)dentify the figure that completes the pattern.

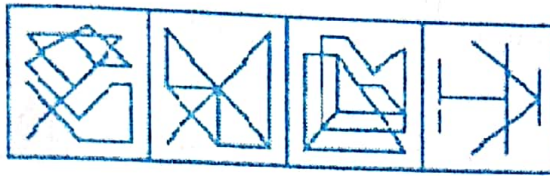
?

(X) (1) (2) (3) (4)

45) select correct answer?

46). Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures: Answer Figures:

(A) (B) (C) (D) (E) (1) (2) (3) (4) (5).

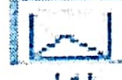
47)Find out the alternative figure which contains figure (X) as its part.

(X) (1) (2) (3) (4)

48) Choose the alternative which is closely resembles the mirror image of the given combination.

247596

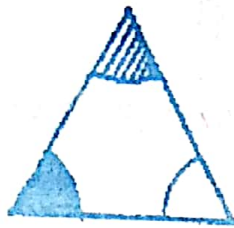
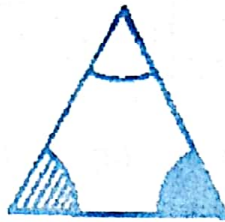
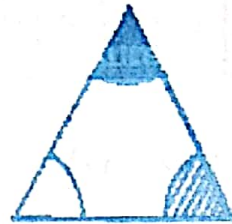
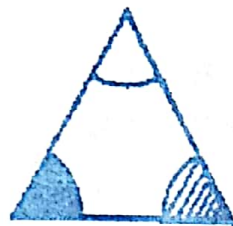
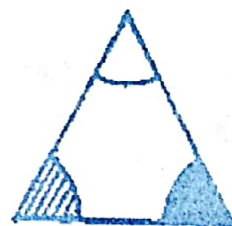
(1) 695742 (2) 695742 (mirrored)

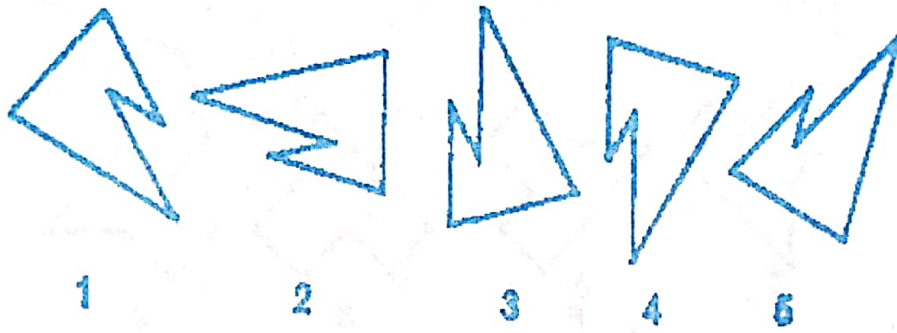
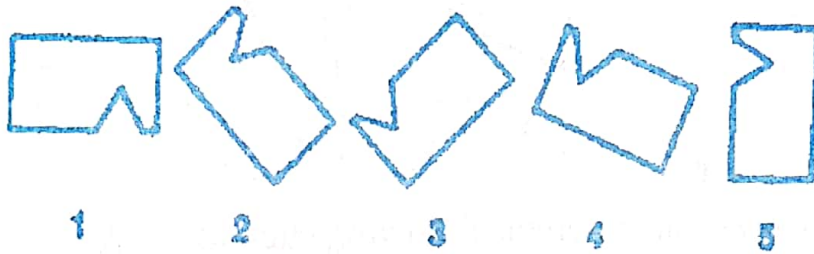
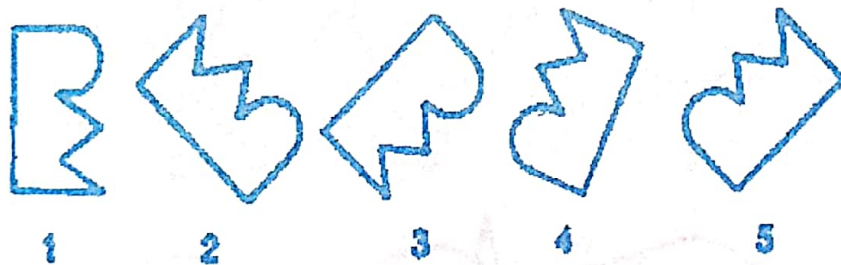
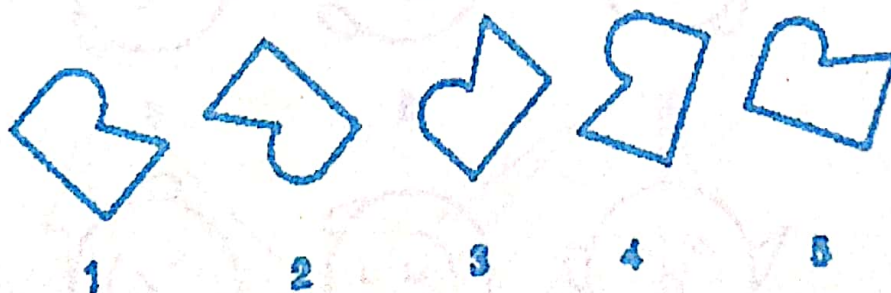
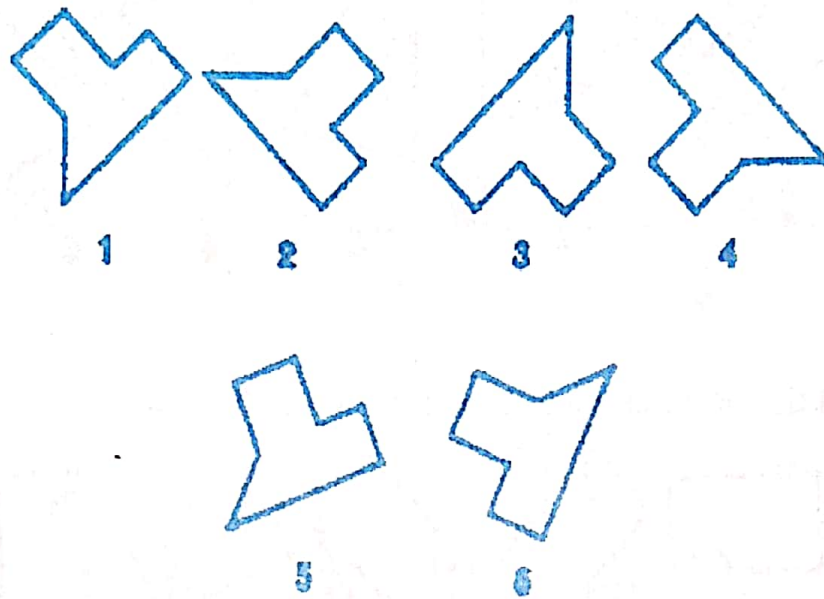
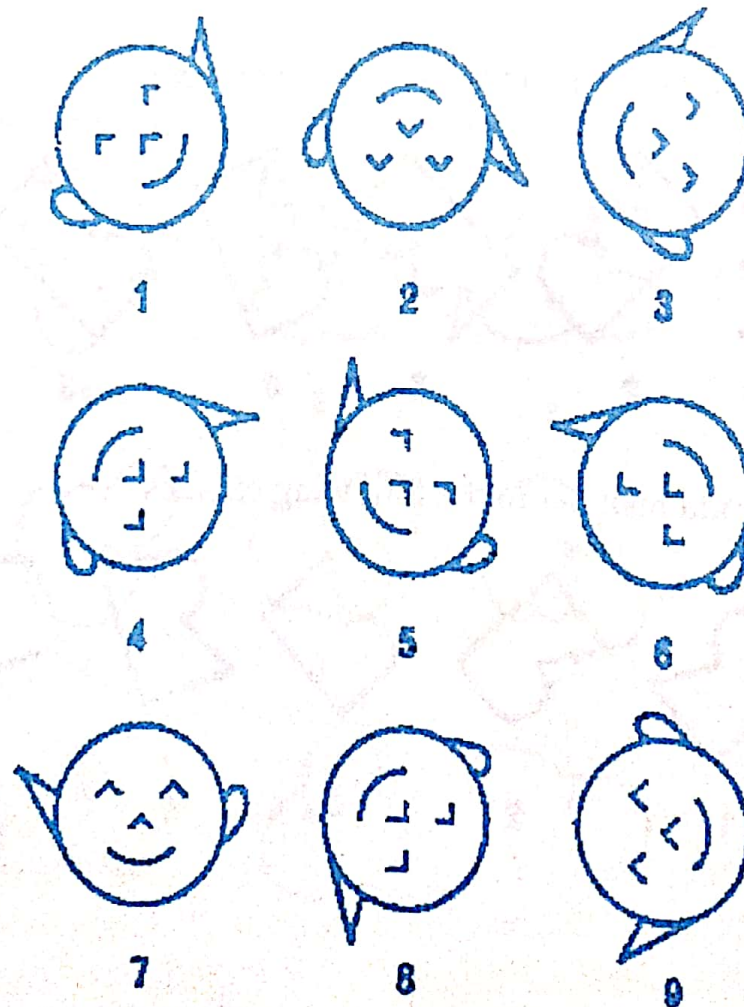
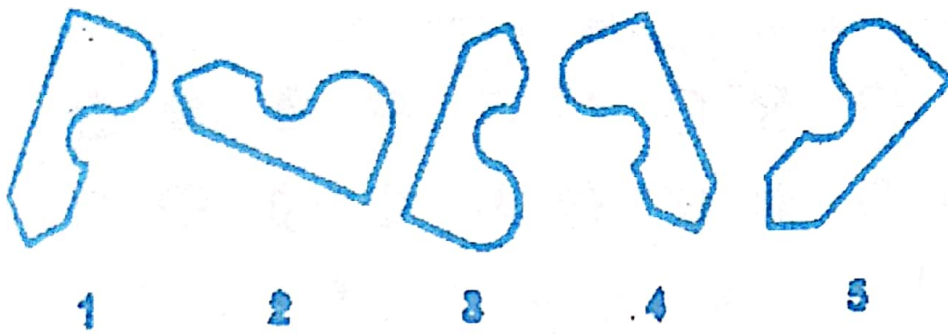
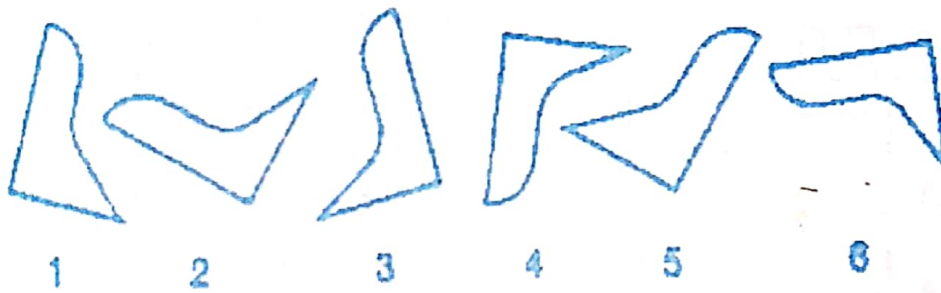
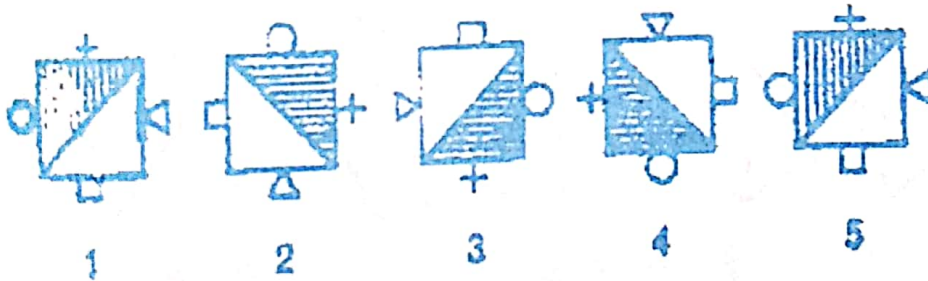
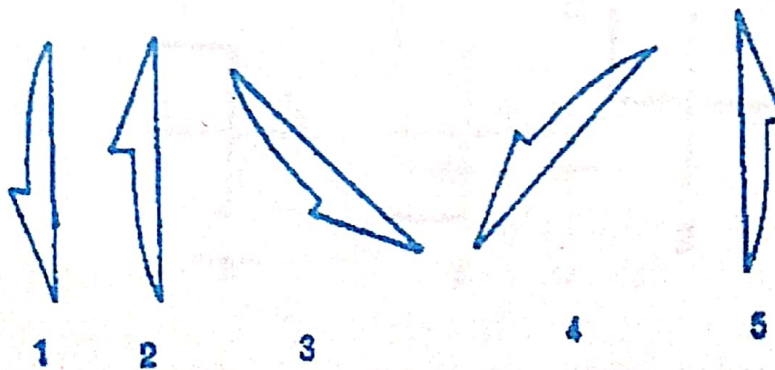
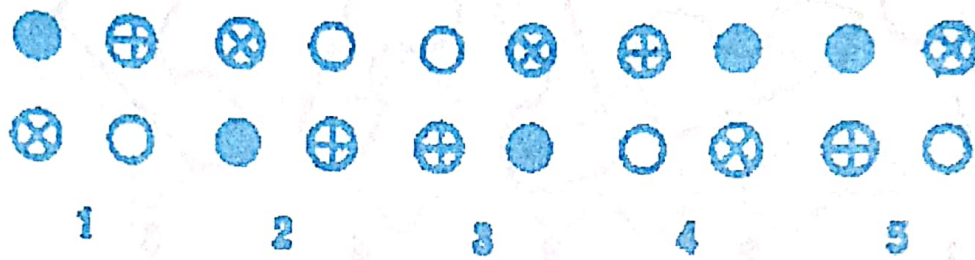
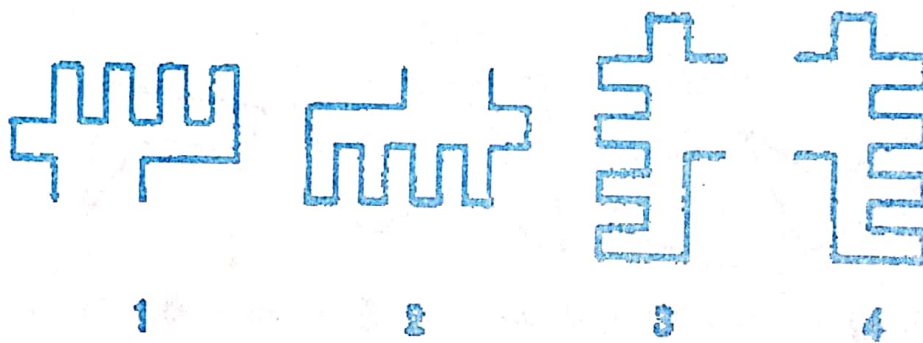
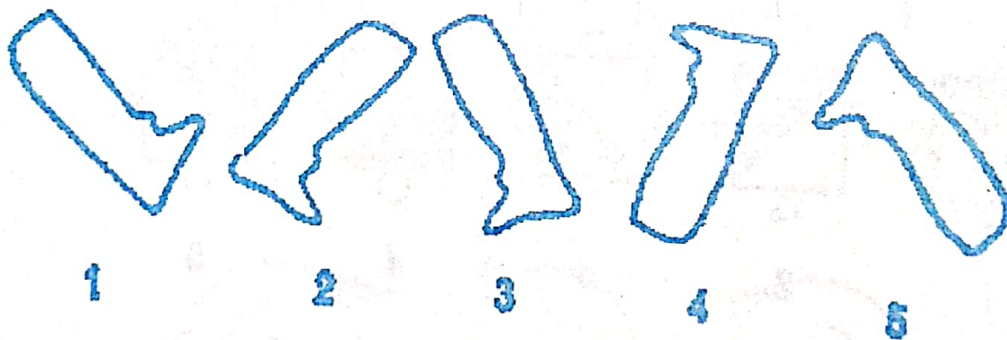
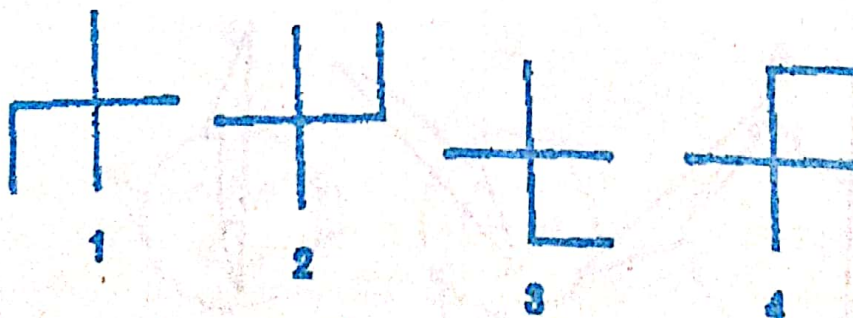
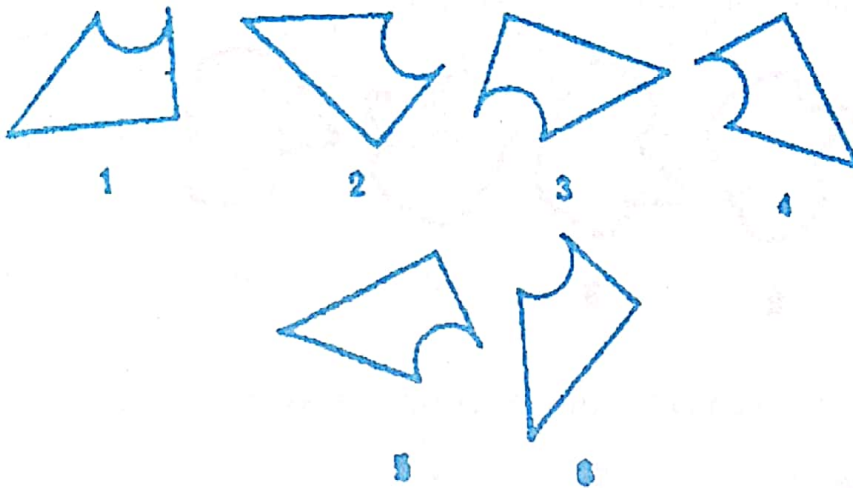
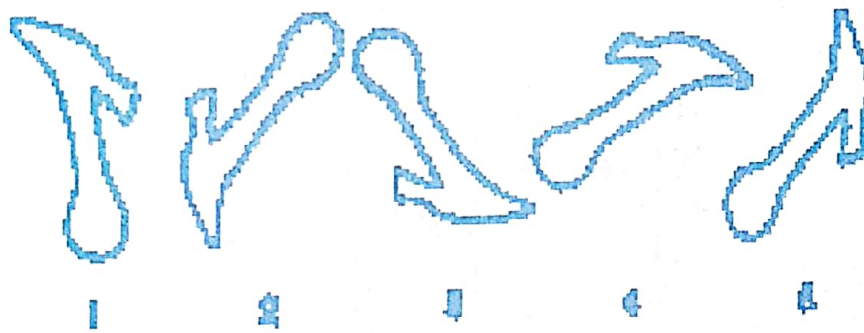
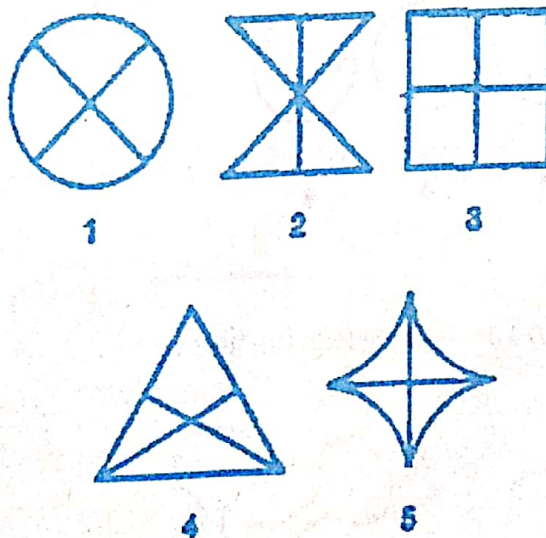
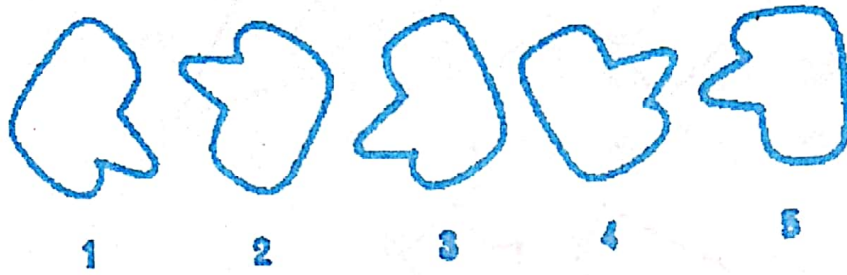
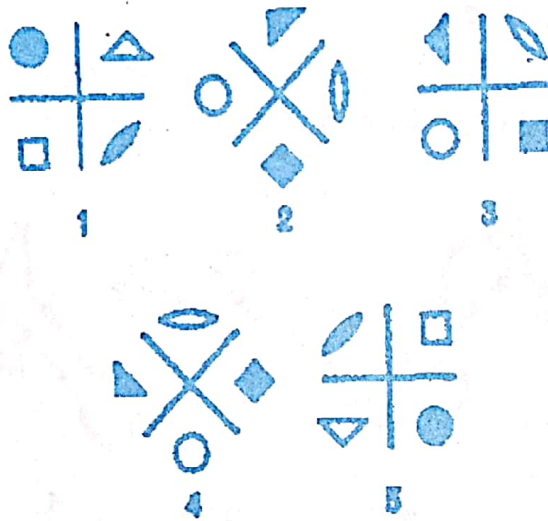
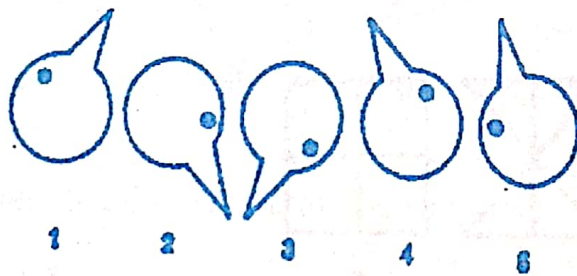
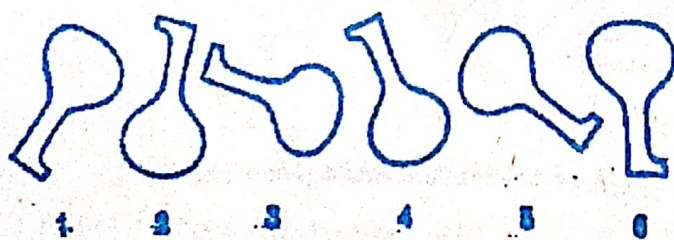
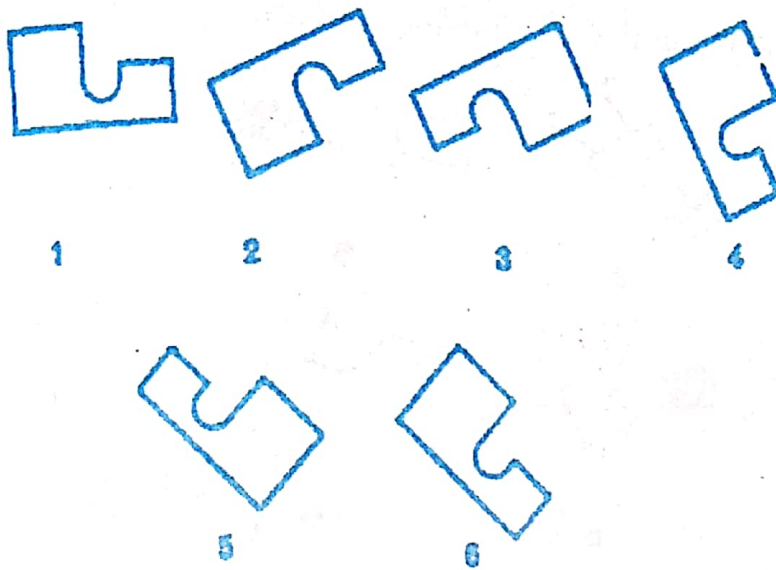
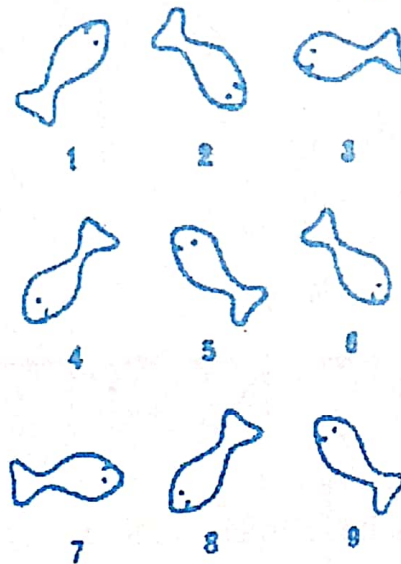
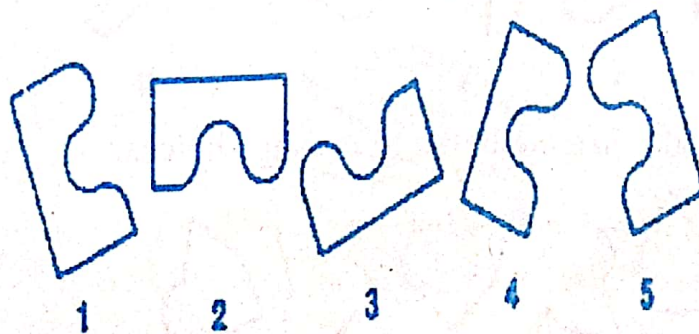
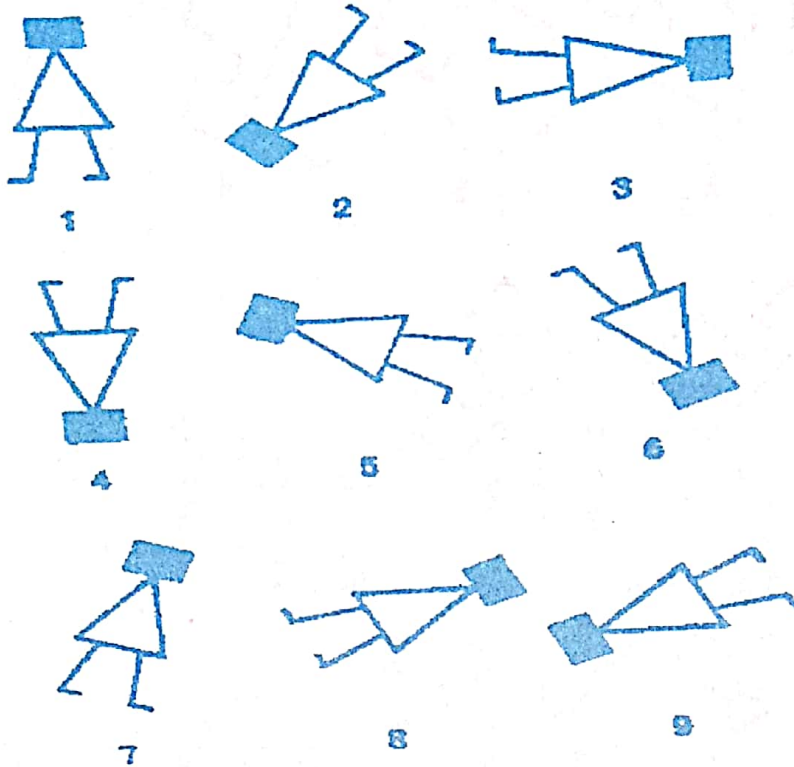
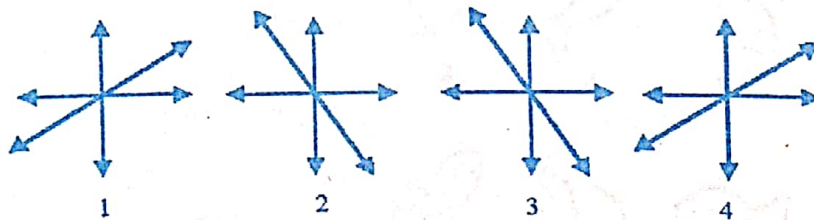
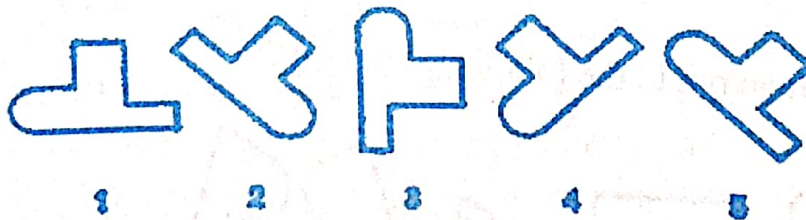
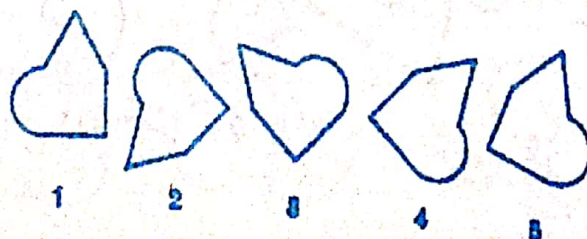
(3) 247596 (inverted) (4) 695742 (mirrored)

49) choose the image that completes the patron

50)choose the image that completes the patron

NON-VERBAL SIMPLE TEST NO-6

ODD MAN OUT TEST

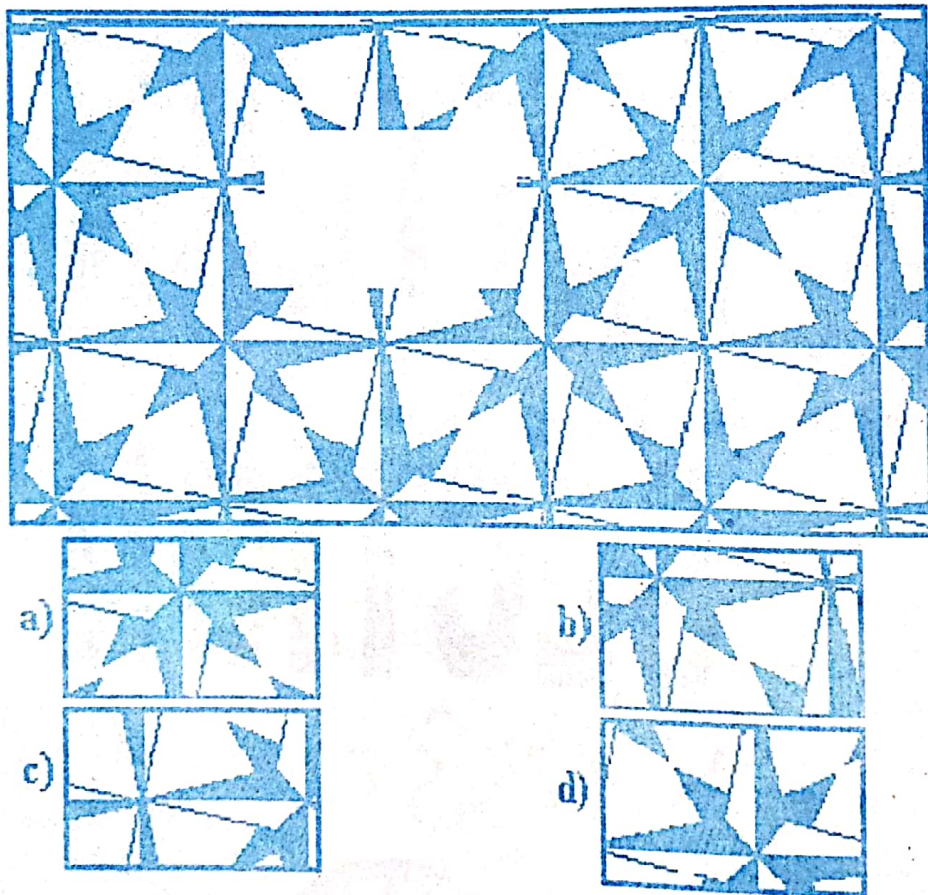
1) Find the odd man out in the following choices.

2) Find the odd man out in the following choices

3) Find the odd man out in the following choices.

4) Find the odd man out in the following choices.

5) Find the odd man out in the following choices.

6) Find the odd man out in the following choices.

7) Find the odd man out in the following choices.

8) Find the odd man out in the following choices.

9) Find the odd man out in the following choices.

10) Find the odd man out in the following choices.

11) Find the odd man out in the following choices.

12) Find the odd man out in the following choices.

13) Find the odd man out in the following choices.

14) Find the odd man out in the following choices.

15) Find the odd man out in the following choices.

16) Find the odd man out in the following choices.

17) Find the odd man out in the following choices.

18) Find the odd man out in the following choices.

19) Find the odd man out in the following choices.

20) Find the odd man out in the following choices.

21) Find the odd man out in the following choices.

22) Find the odd man out in the following choices.

23) Find the odd man out in the following choices.

24) Find the odd man out in the following choices.

25) Find the odd man out in the following choices.

26) Find the odd man out in the following choices.

27) Find the odd man out in the following choices.

28) Find the odd man out in the following choices.

29) Find the odd man out in the following choices.

30) Find the odd man out in the following choices.

NON-VERBAL PATTERN SECTION

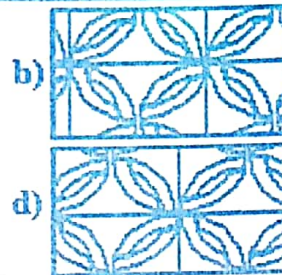
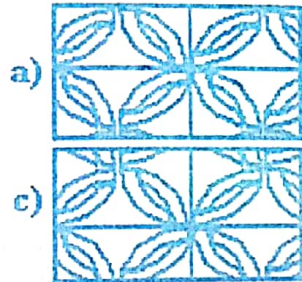
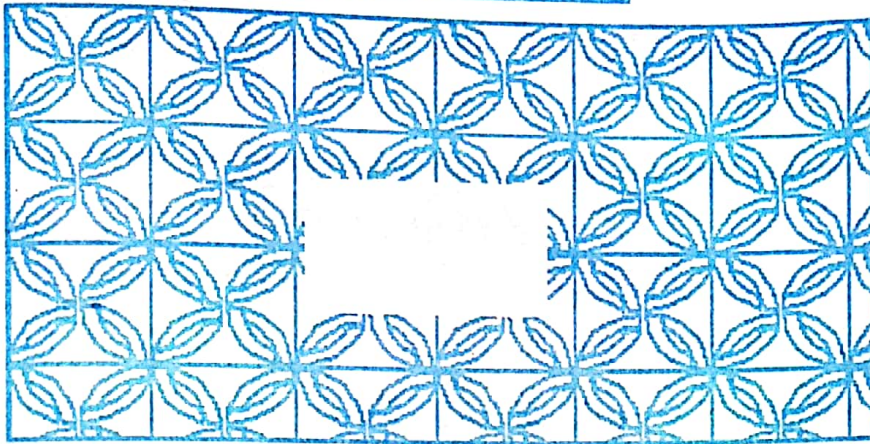
NON-VERBAL PATTERN TEST

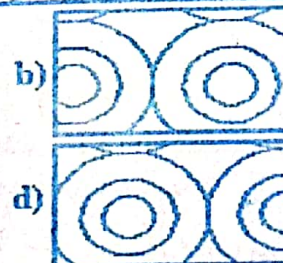
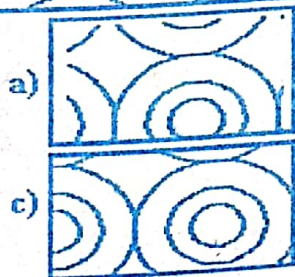
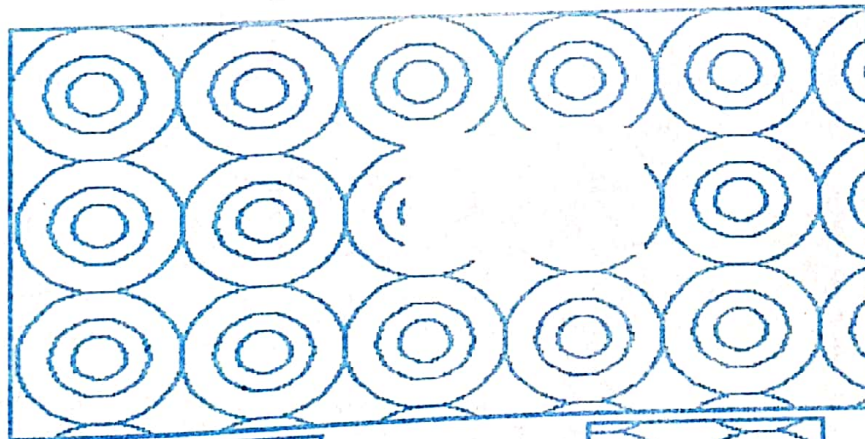
Non-Verbal Pattern or design test is very essential in Pakistan Air Force because it include 50 questions, which is half of your test. It is also the third part of the intelligence tests which starts from question 51 to 100. Some questions are very difficult and some are very easy so do not waste your time on the difficult ones.

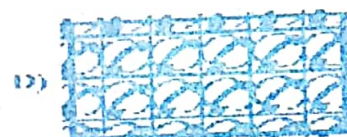
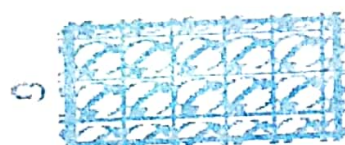
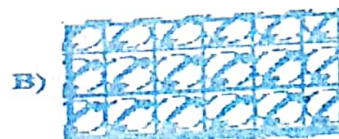
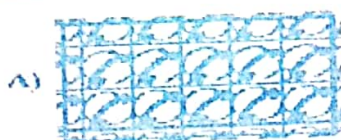
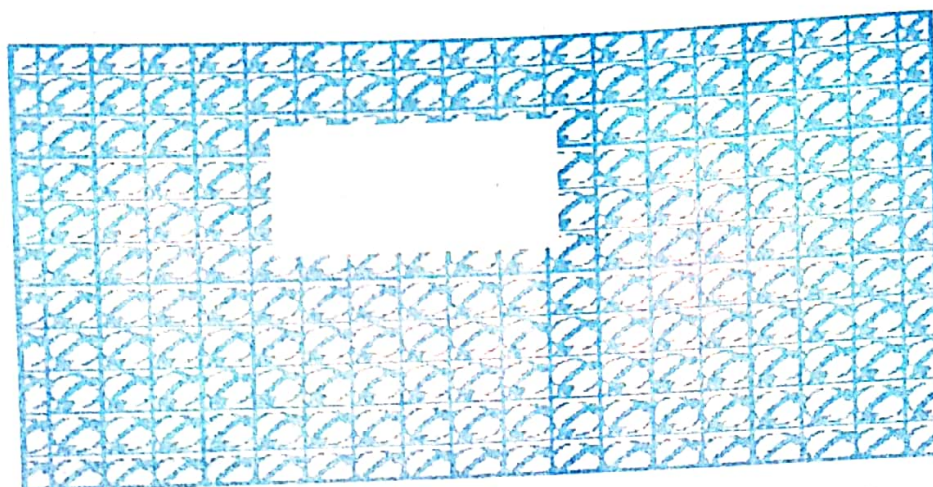
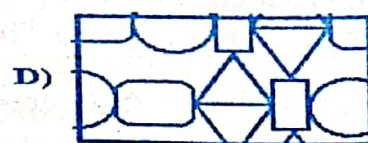
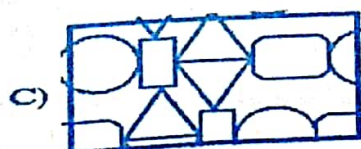
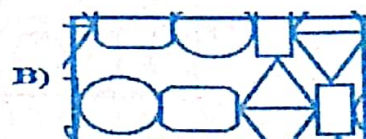
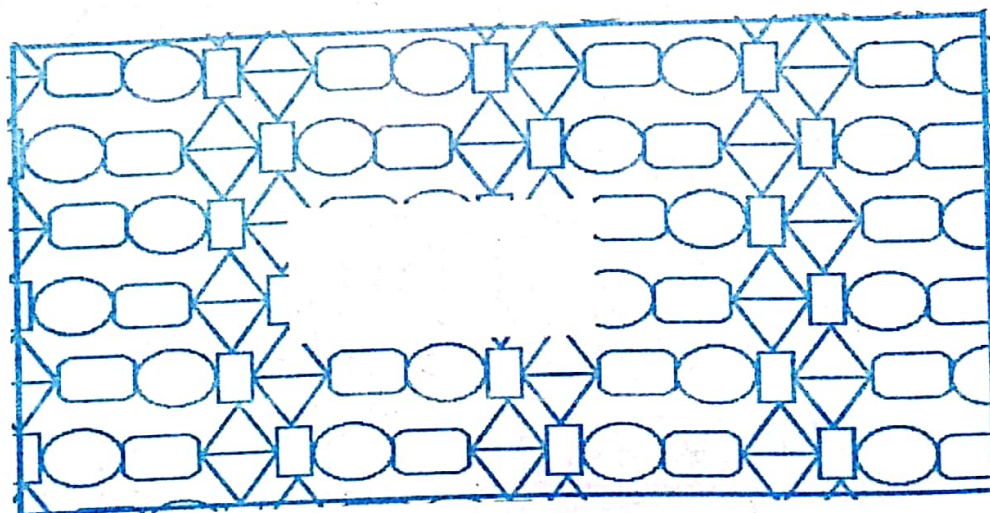
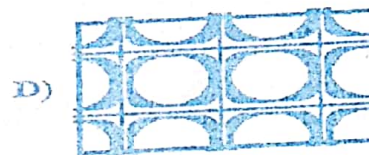
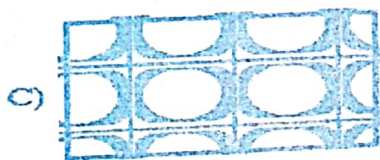
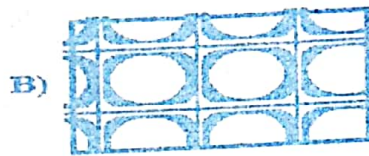
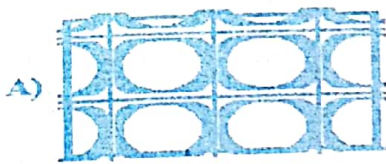
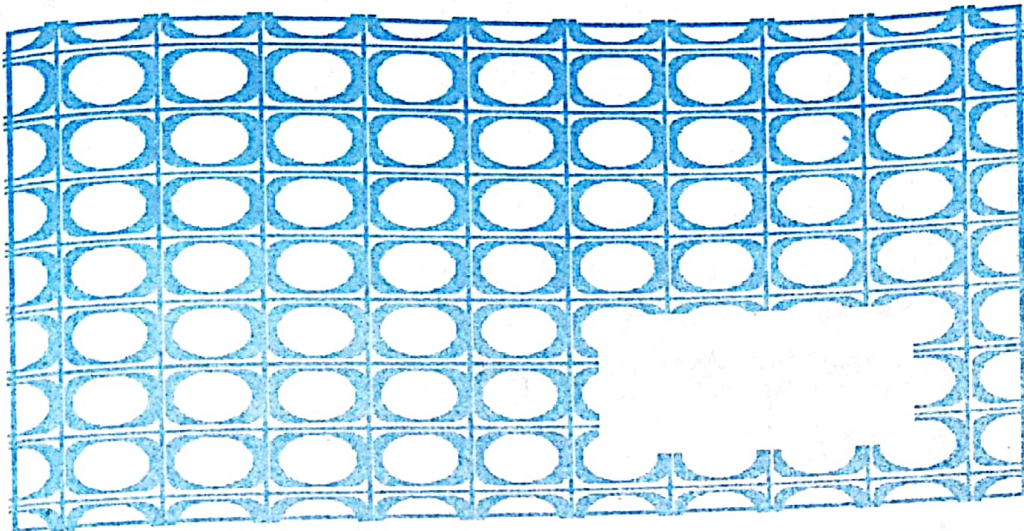
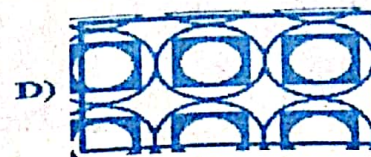
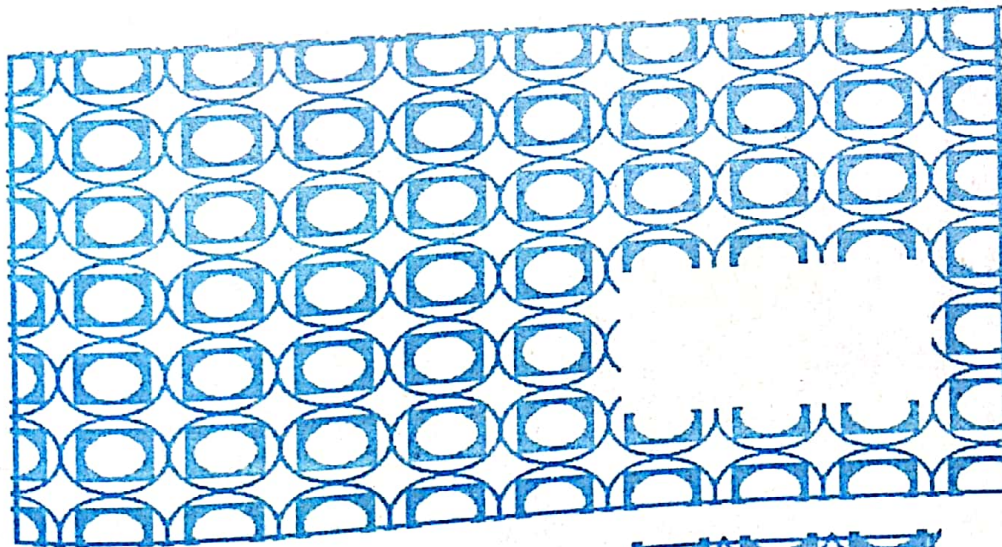
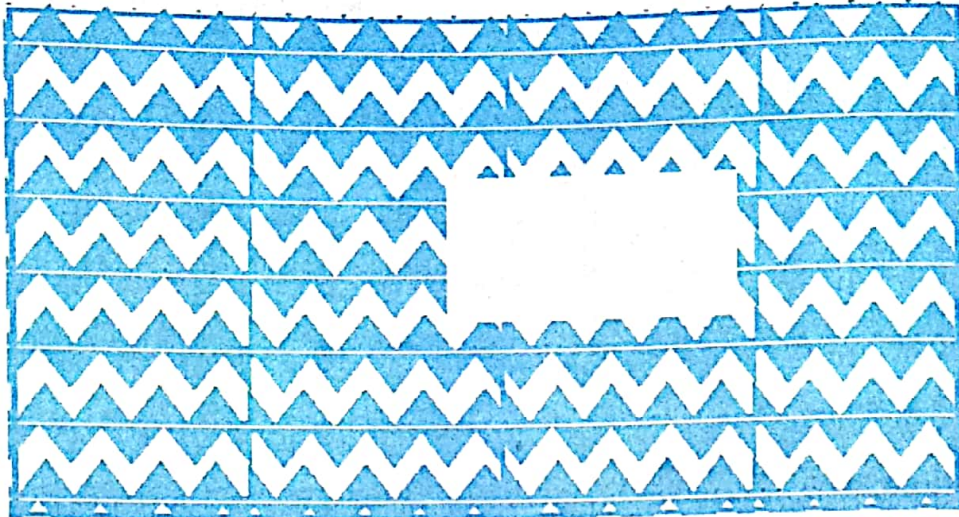
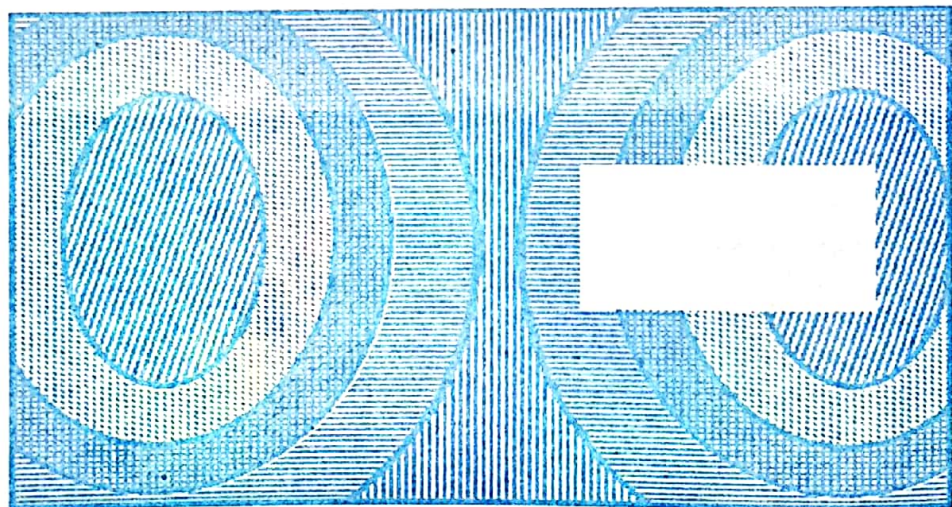
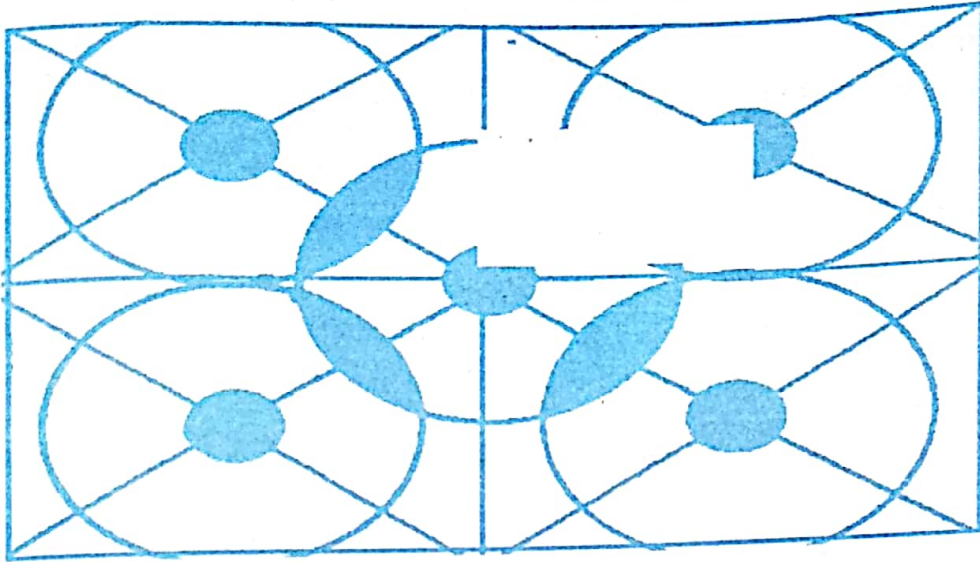
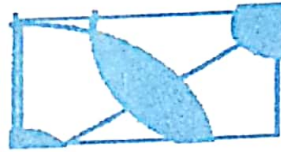
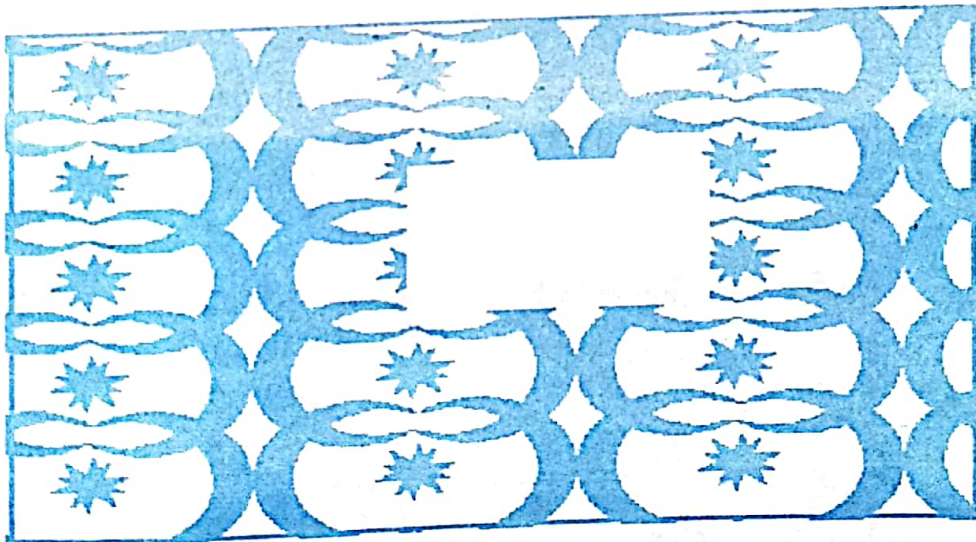
Design questions can play an important role in your result so alot of practice is needed. First of all we are giving you some examples, then some exercises containing 50 questions each. You have to pay attention on examples so that you can understand the method for them.

EXAMPLE 1

Answer:

In this pattern you have to see the all four corners of the answer choices. ...lly you will notice that choice "a" completes that pattern.

EXAMPLE 2

Answer:
In this pattern you have to see the all the four corners of the answer choices and the vertical and horizontal lines. Hence answer is choice "d".

EXAMPLE 3

Answer:
In this pattern you have to see the all the four corners of the answer choices and the answer is choice "b".

NON-VERBAL PATTERN TEST 1

3)

4)

5)
A)
B)
C)
D)
6)
A)
B)
C)
D)

7)

9)

11

13)
A)
B)
C)
D)
14)
A)
B)
C)
D)

15)
A)
B)
C)
D)
16)
A)
B)
C)
D)

17)
A)
B)
C)
D)
18)
A)
B)
C)
D)

19)

20)

21)

A)

B)

C)

D)

22)

A)

B)

C)

D)

23)

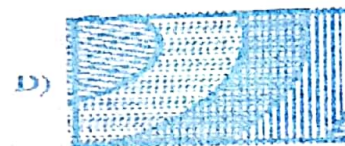
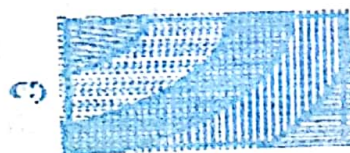
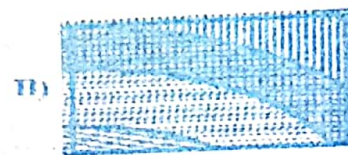
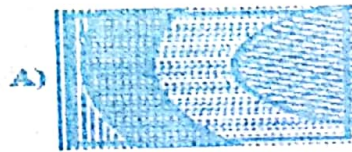
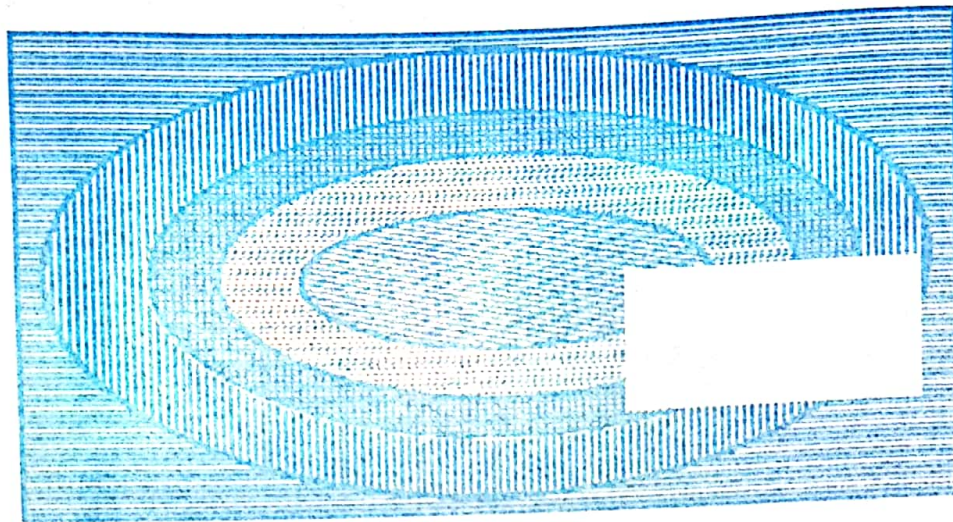
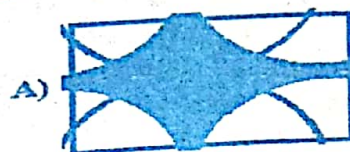
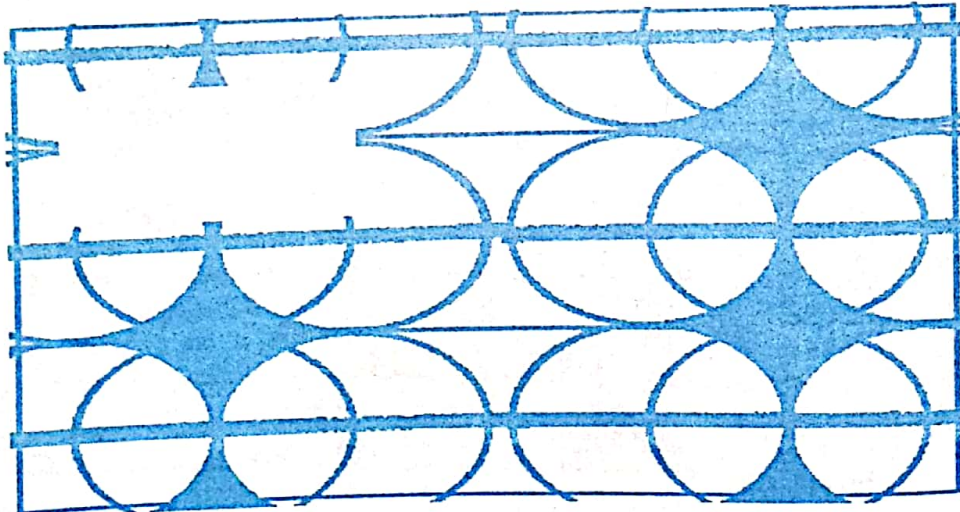
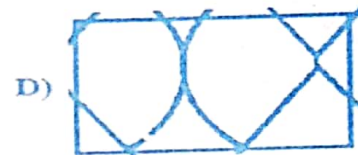
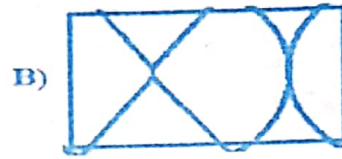
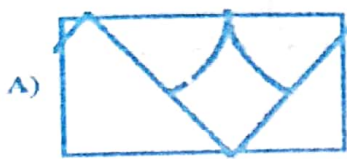
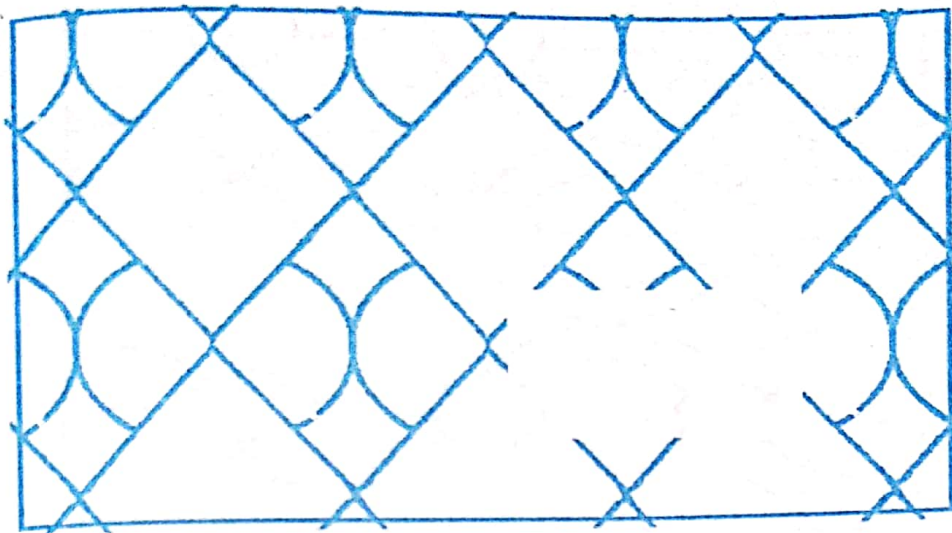
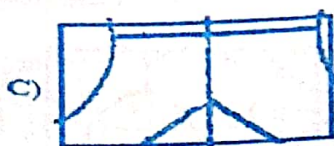
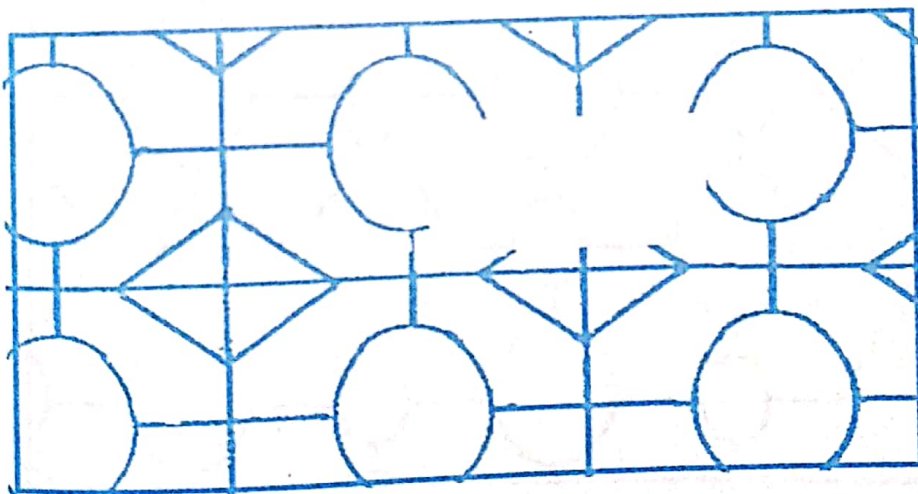
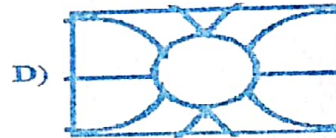
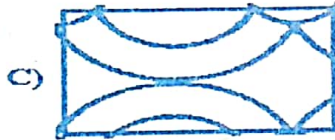
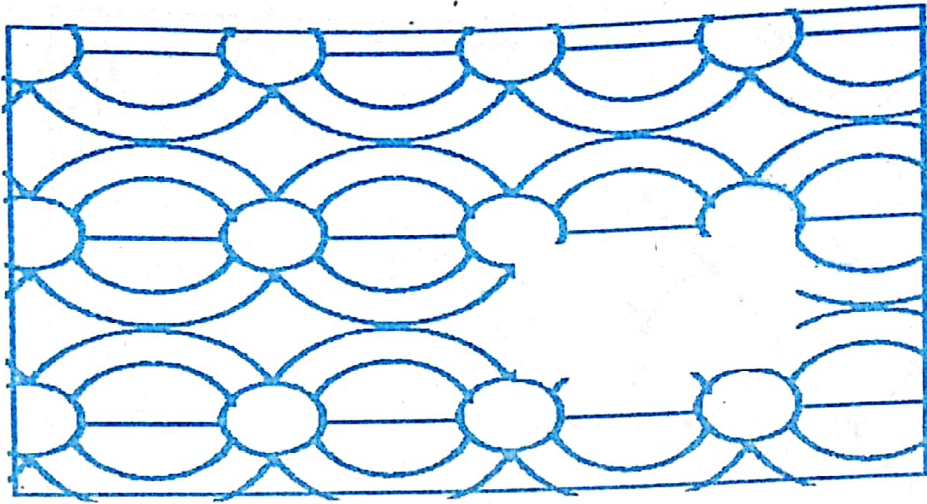
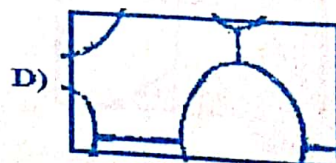
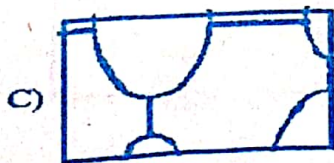
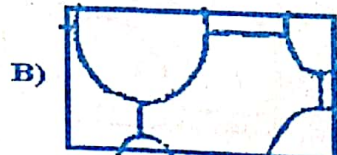
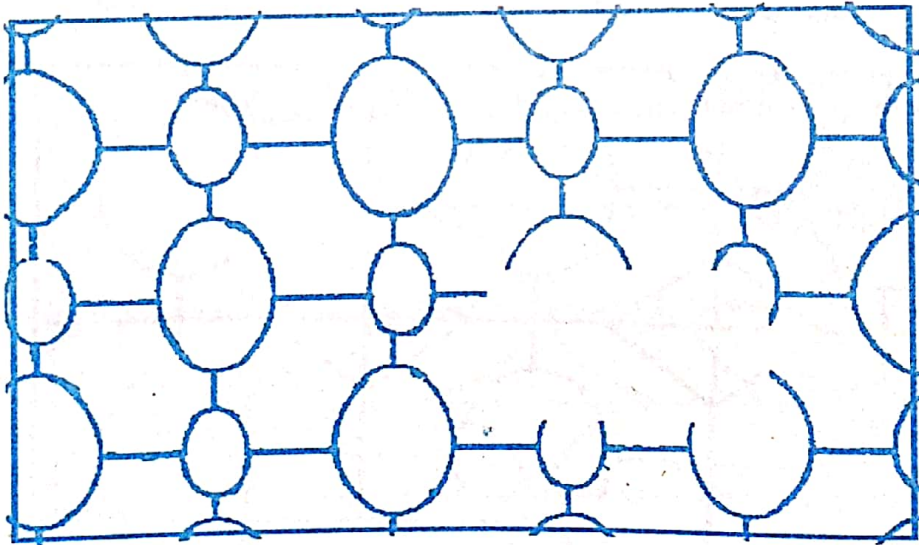
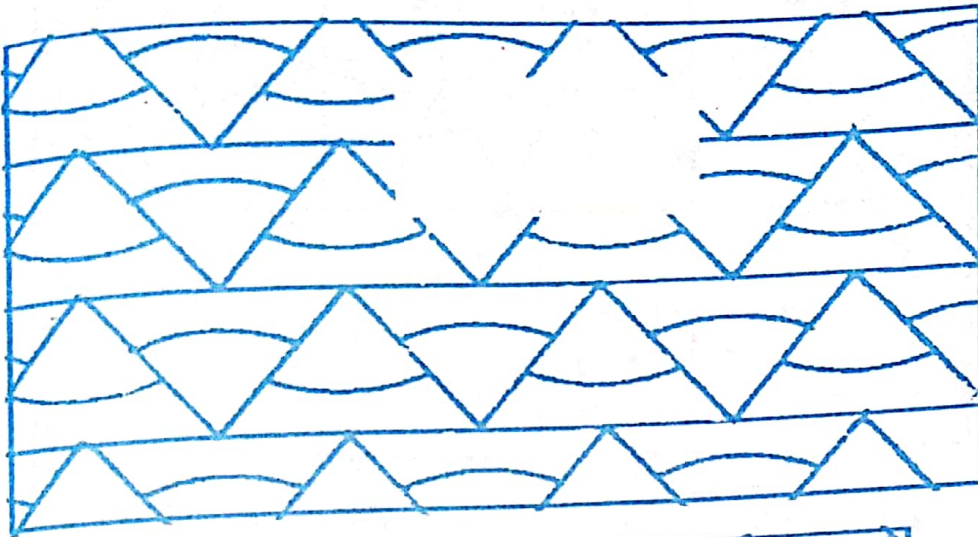
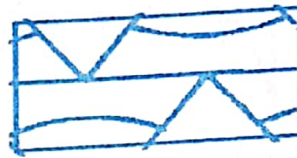
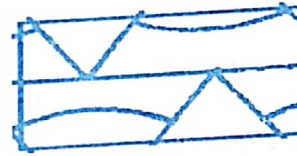
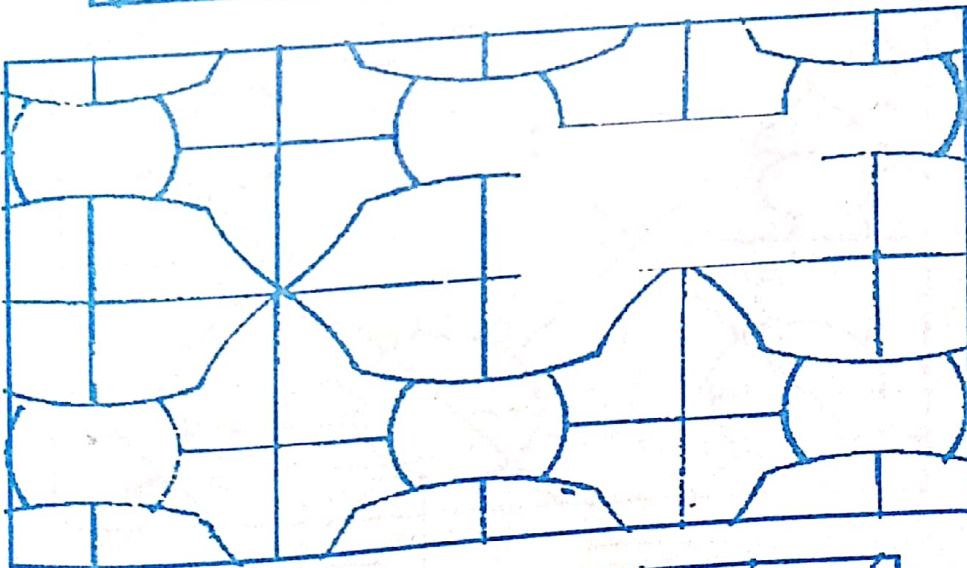
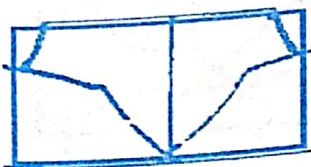
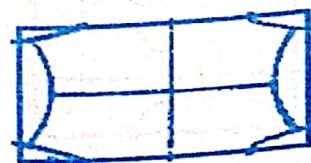
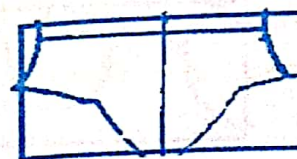
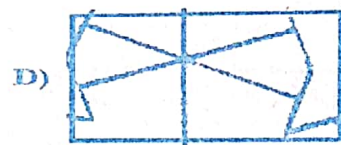
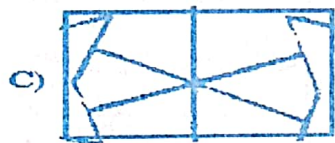
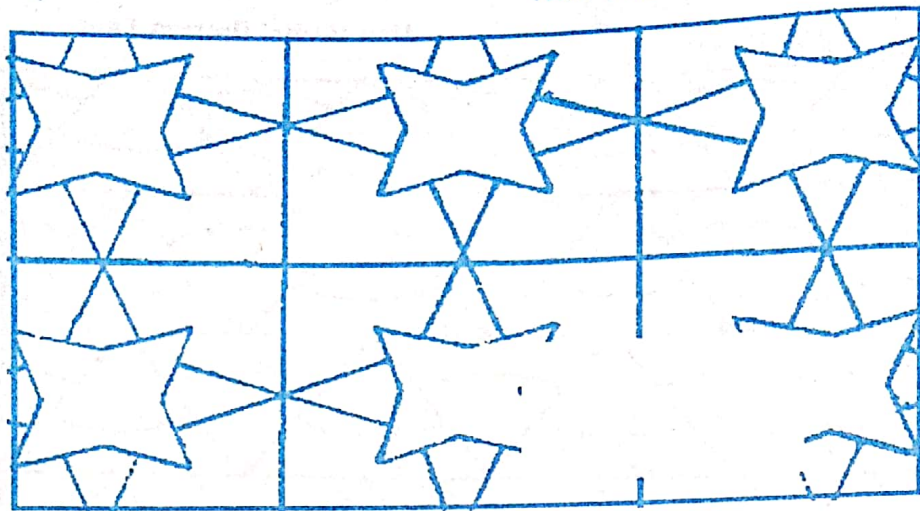
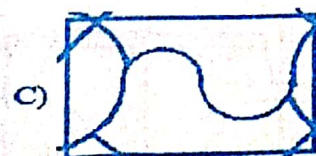
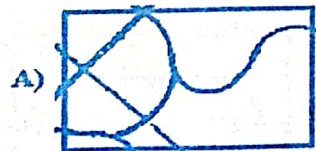
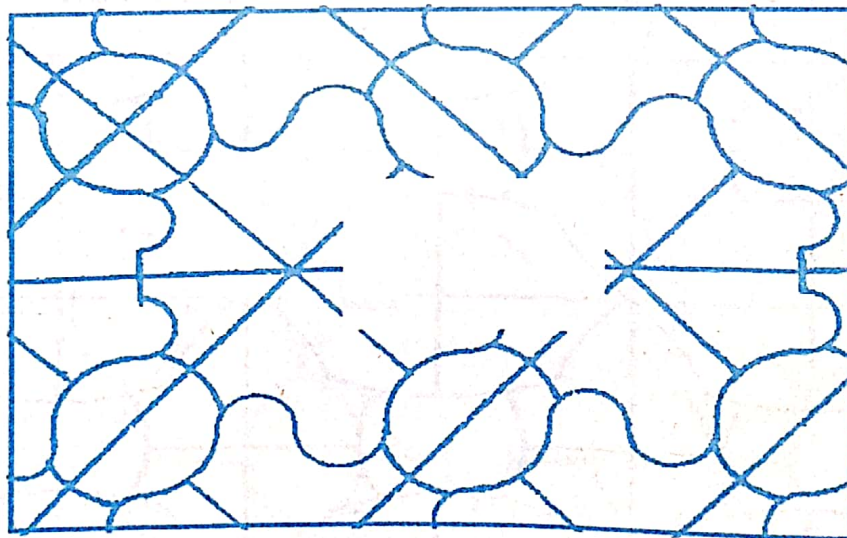
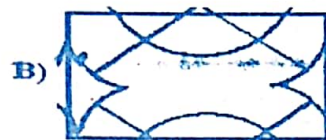
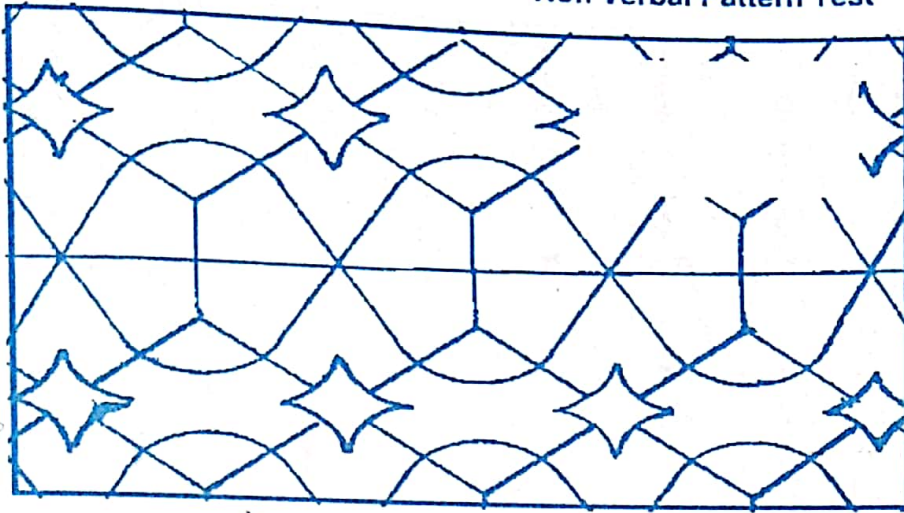
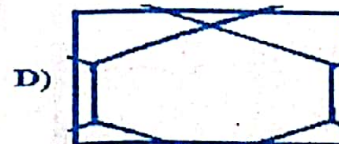
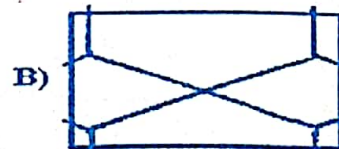
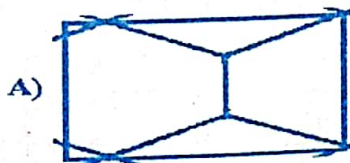
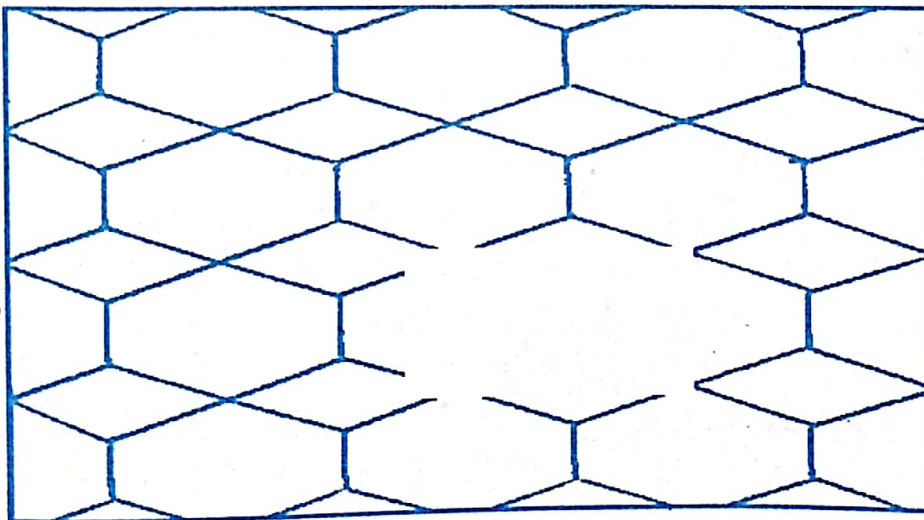
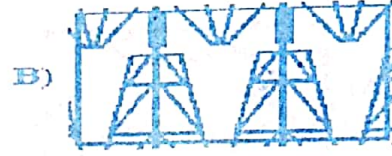
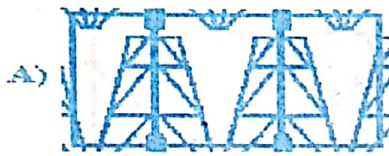
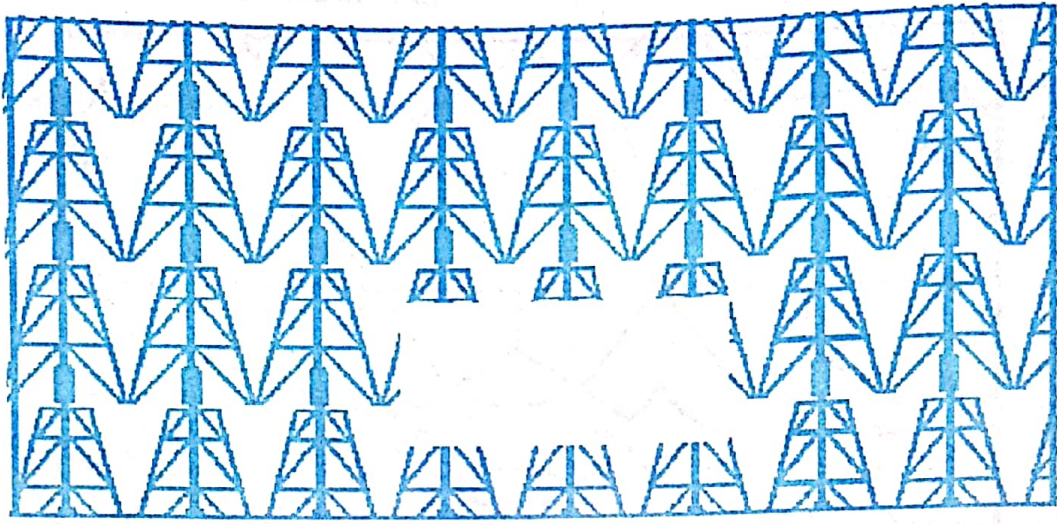
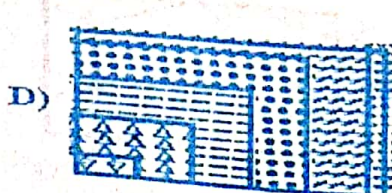
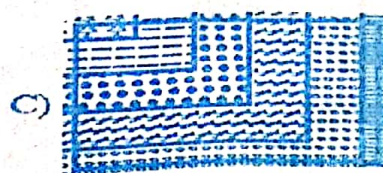
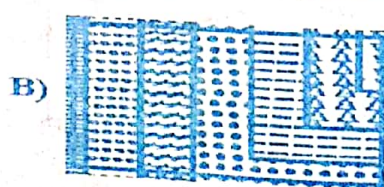
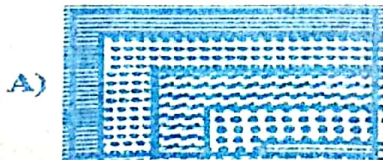
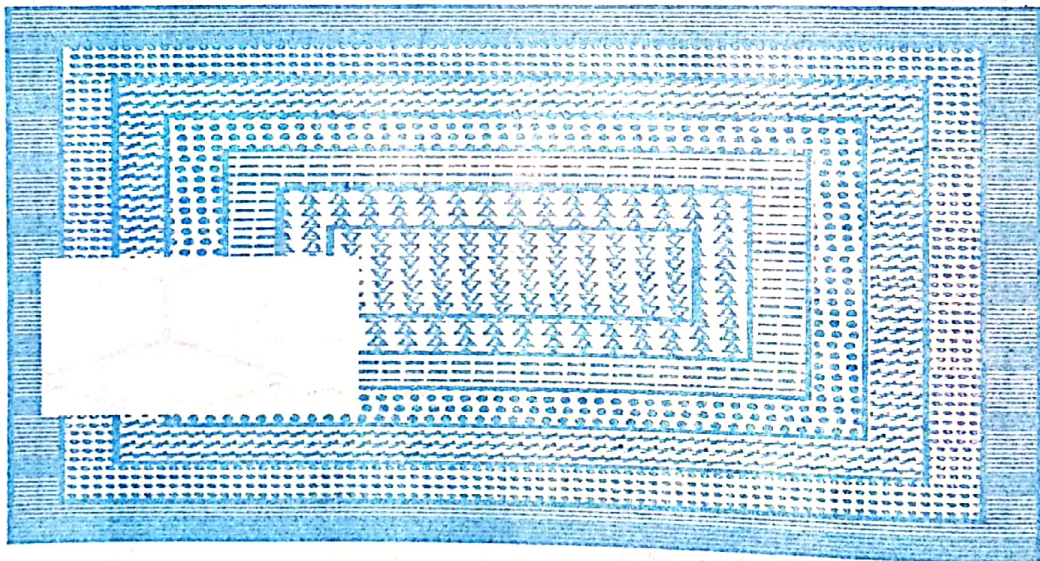
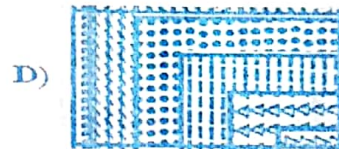
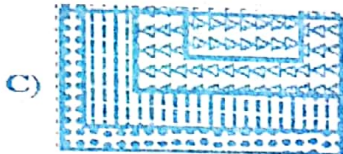
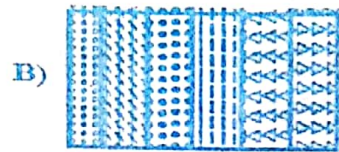
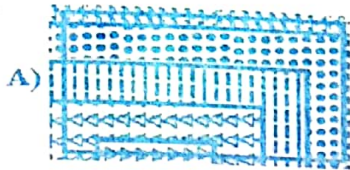
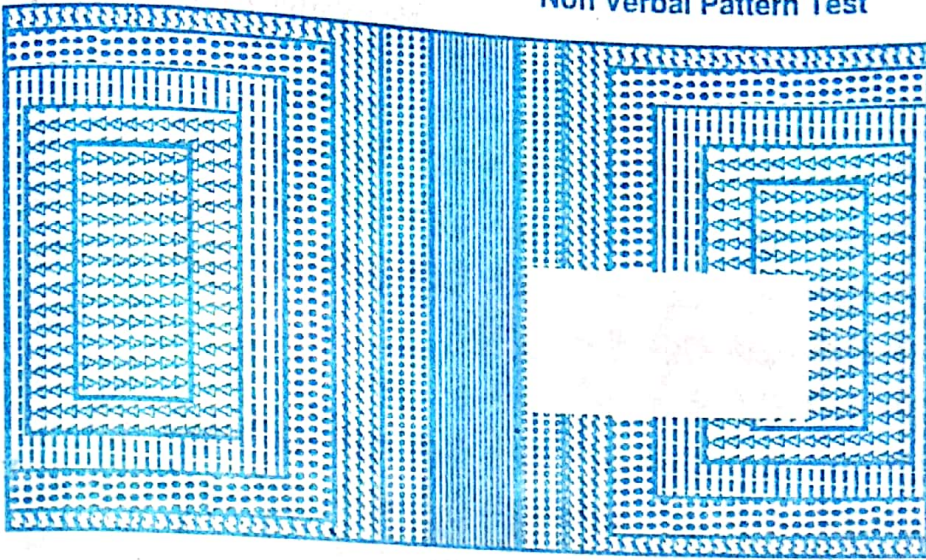
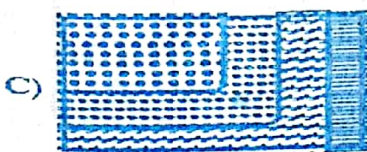
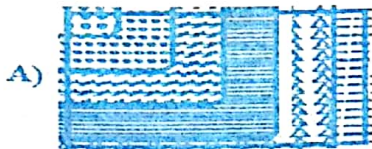
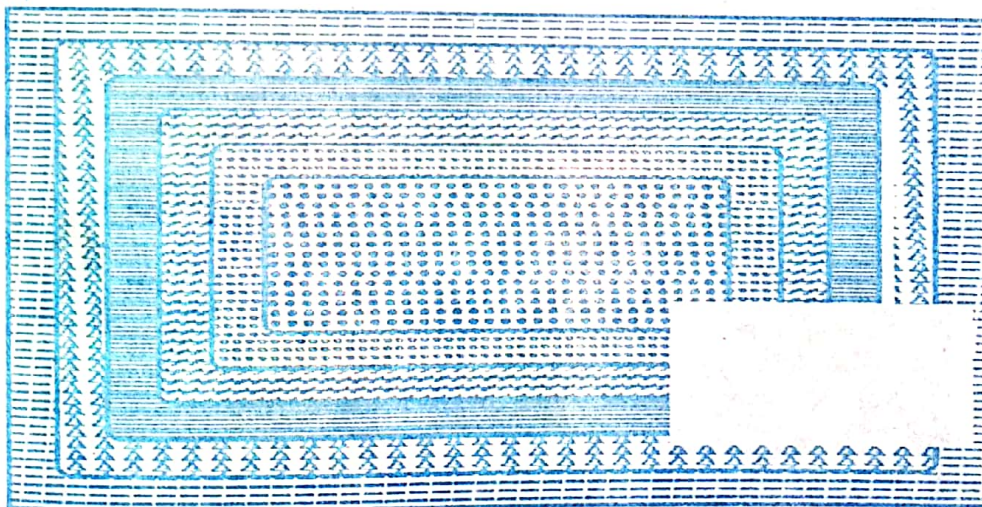
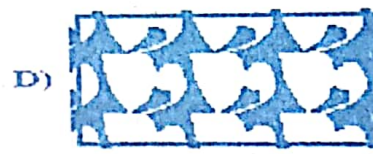
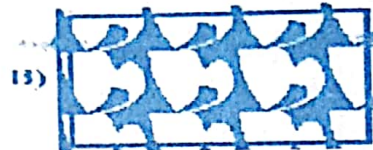
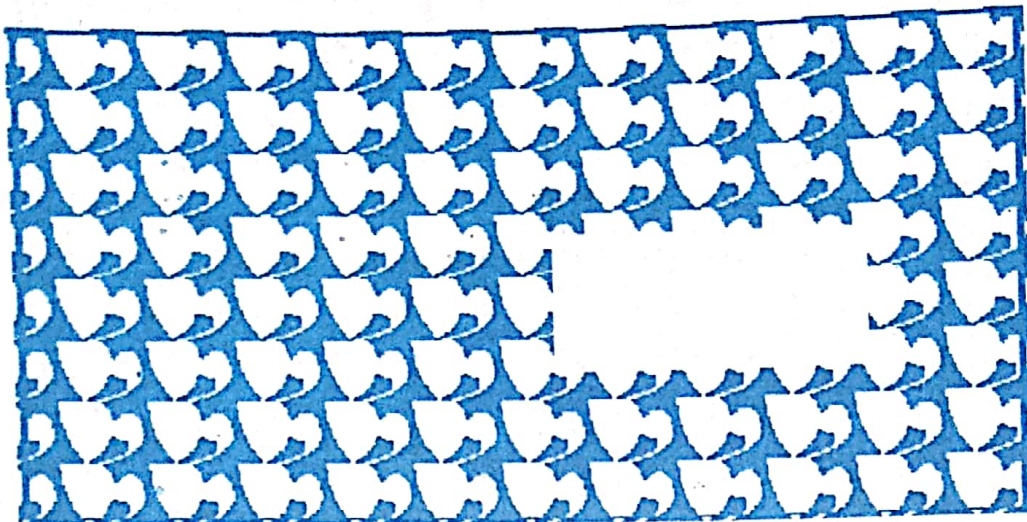
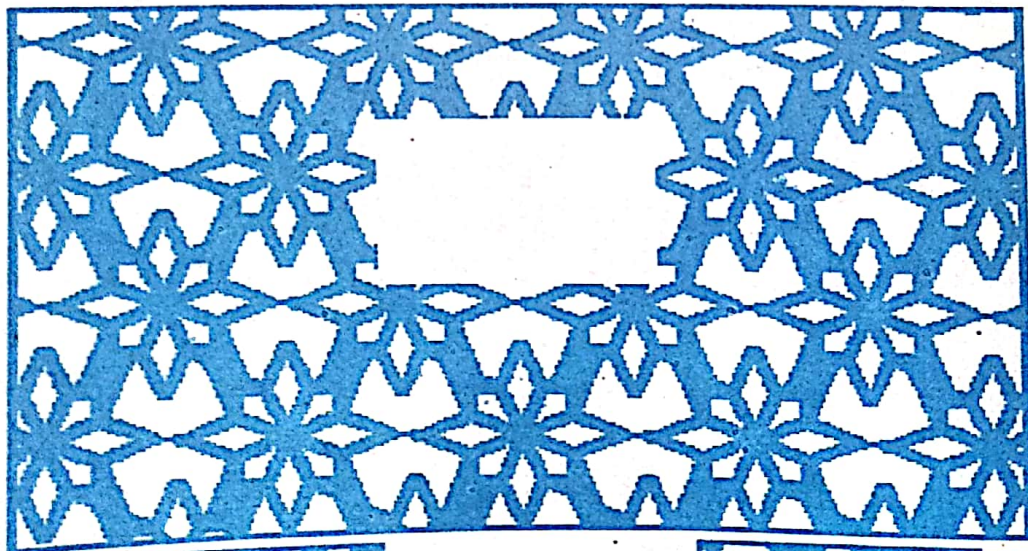
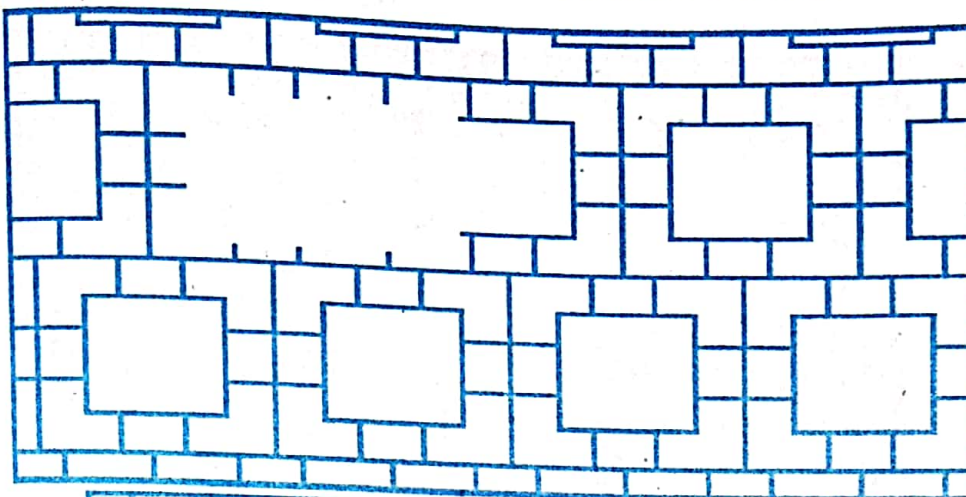
25)

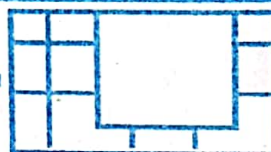
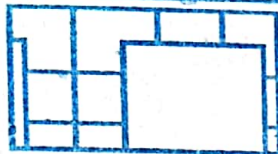
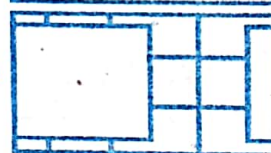
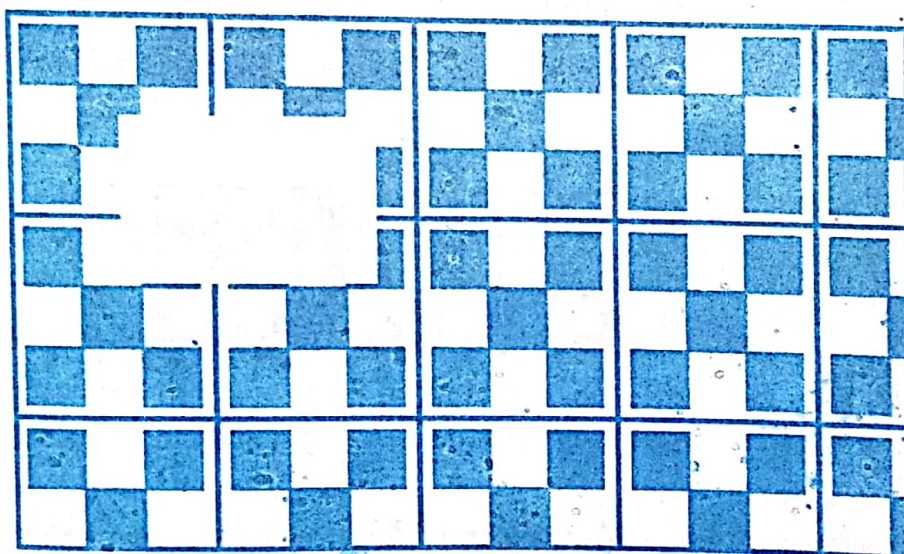
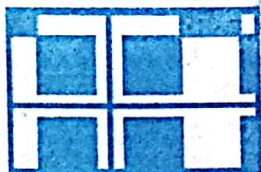
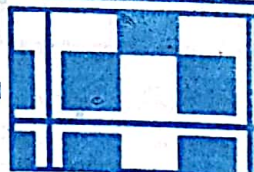
A) B)

C) D)

26)

a) b)

c) d)

27)

a)

b)

c)

d)

28)

a)

b)

c)

d)

29)

a)

b)

c)

d)

30)

a)

b)

c)

d)

31)

a)

b)

c)

d)

32)

a)

b)

c)

d)

33)
a)
b)
c)
d)
34)
a)
b)
c)
d)

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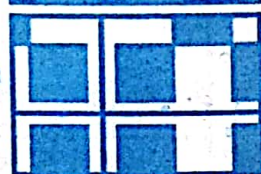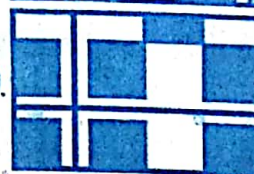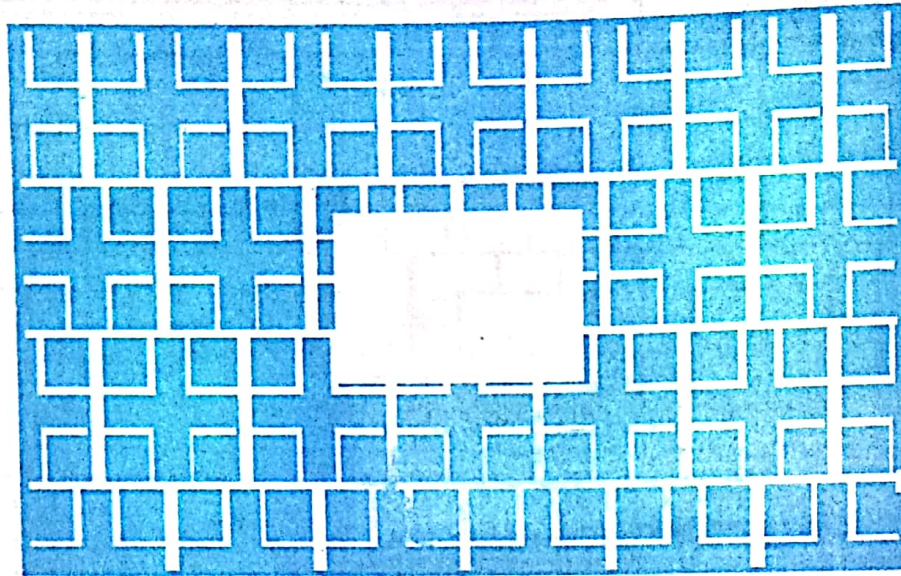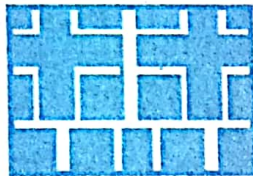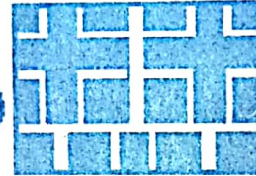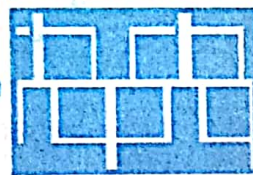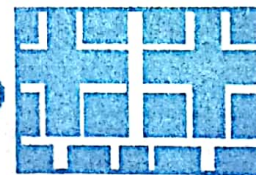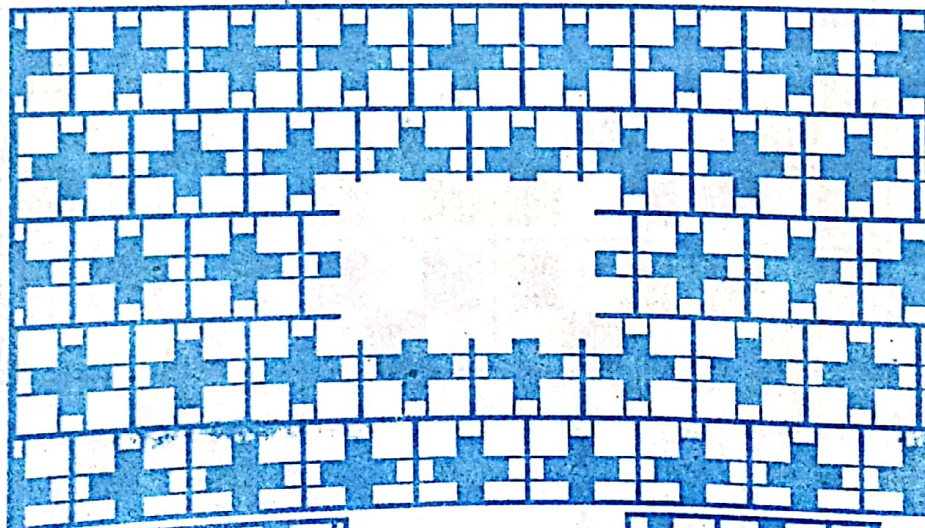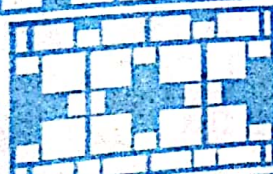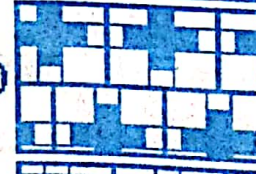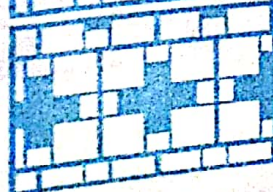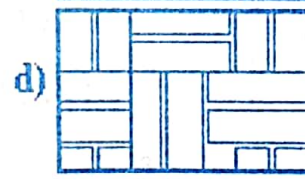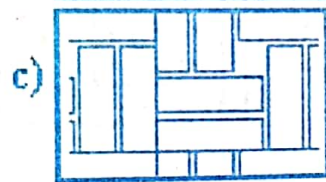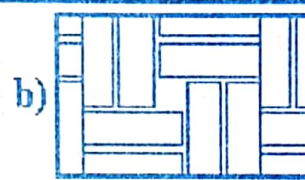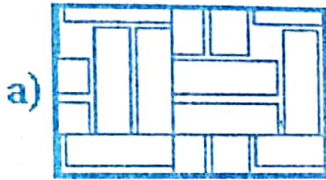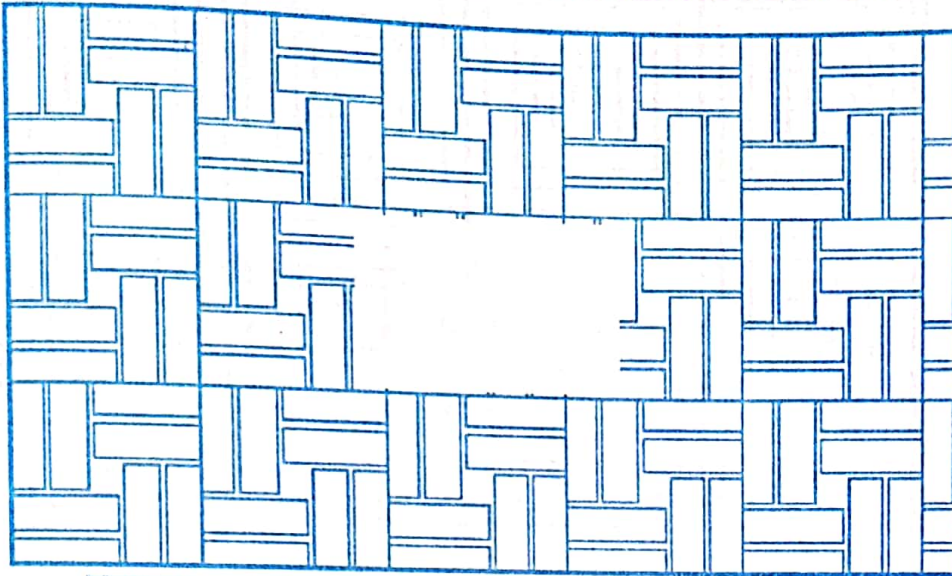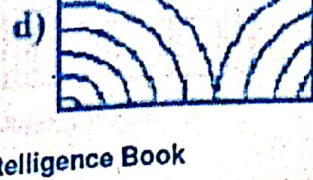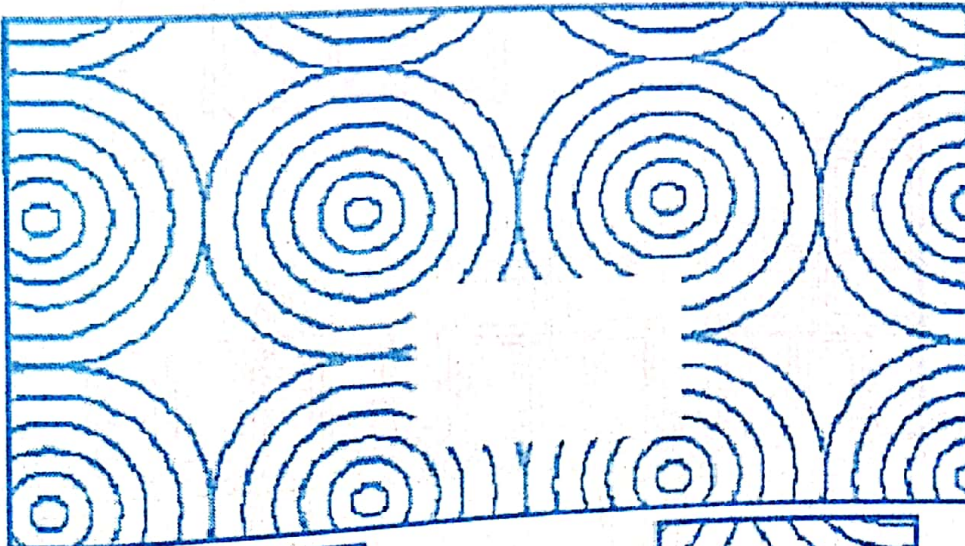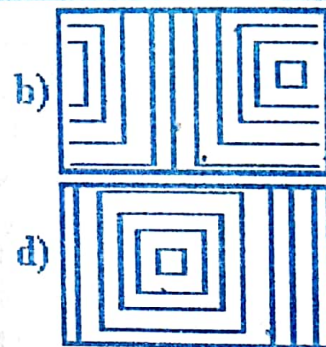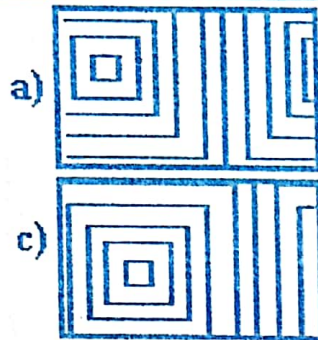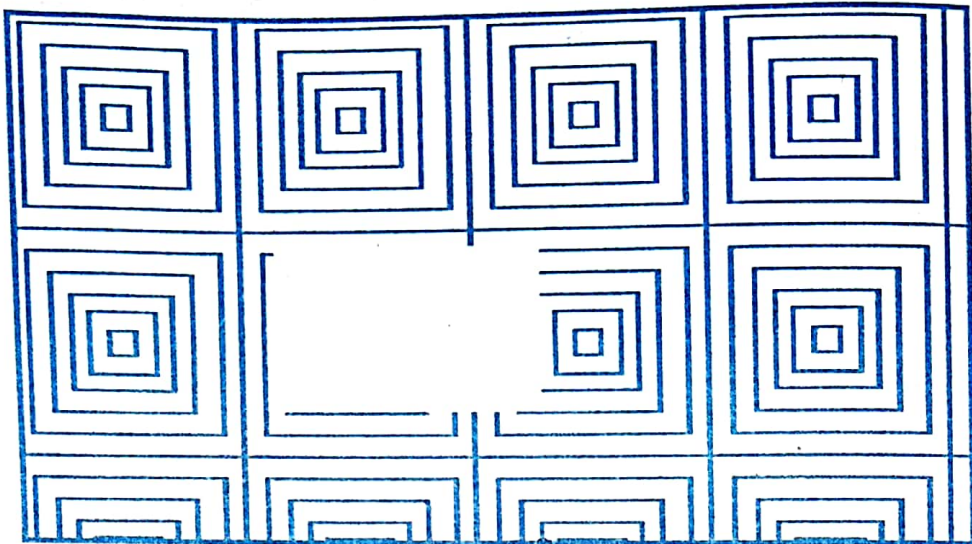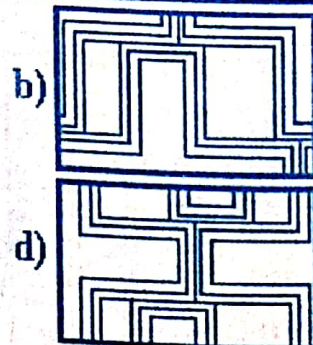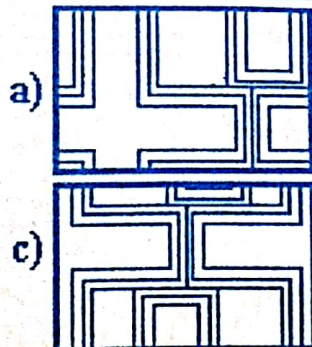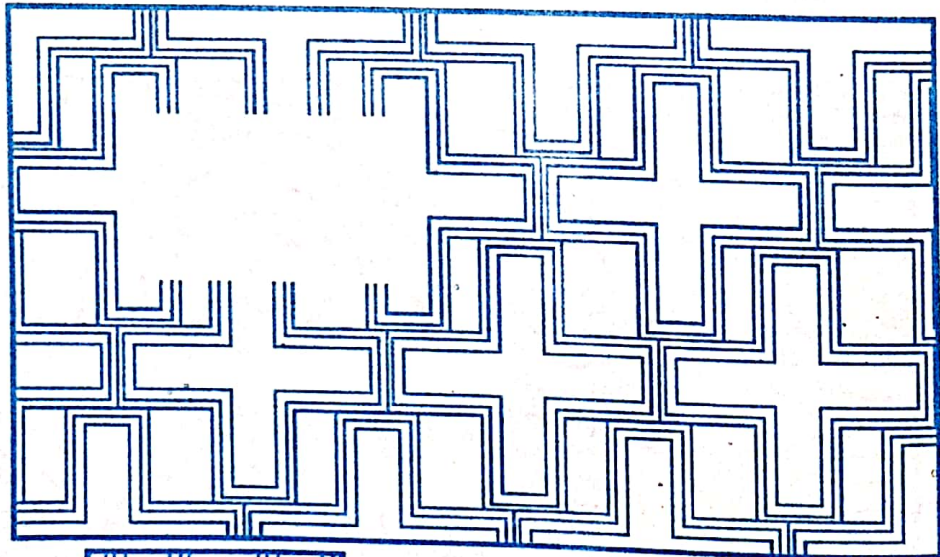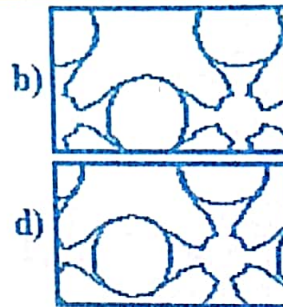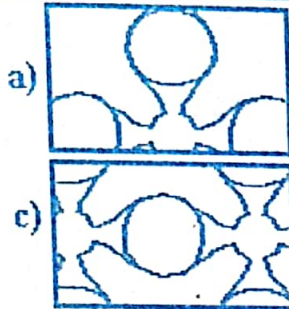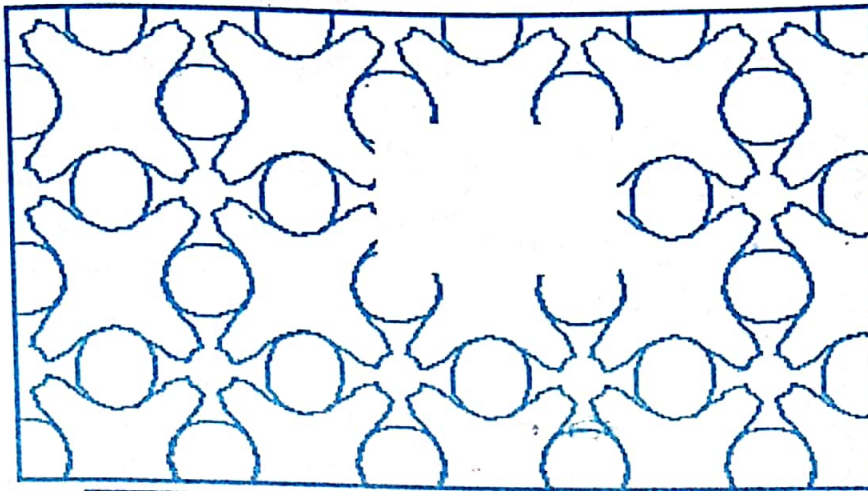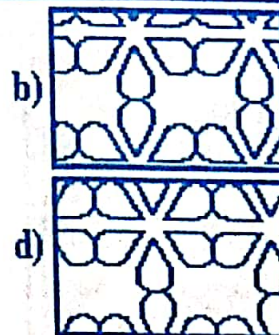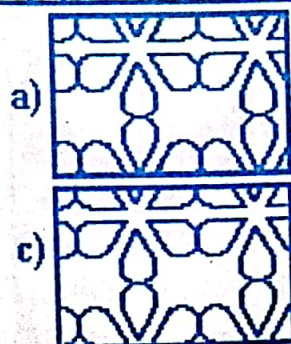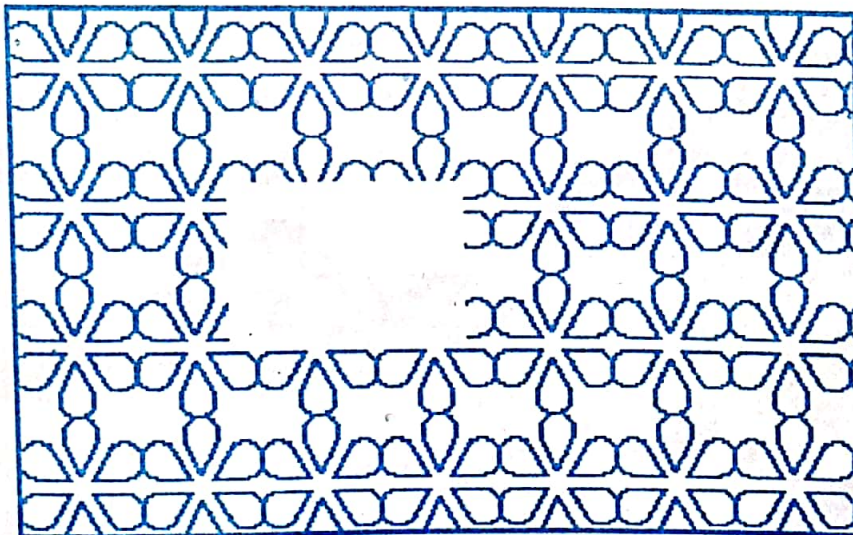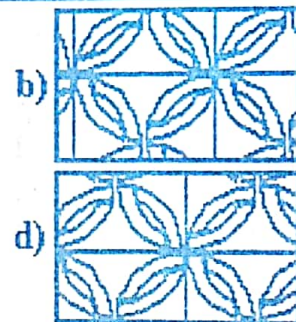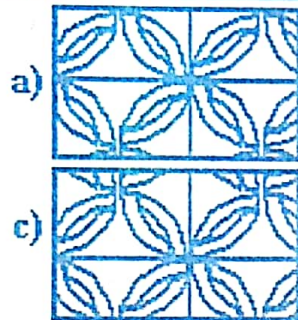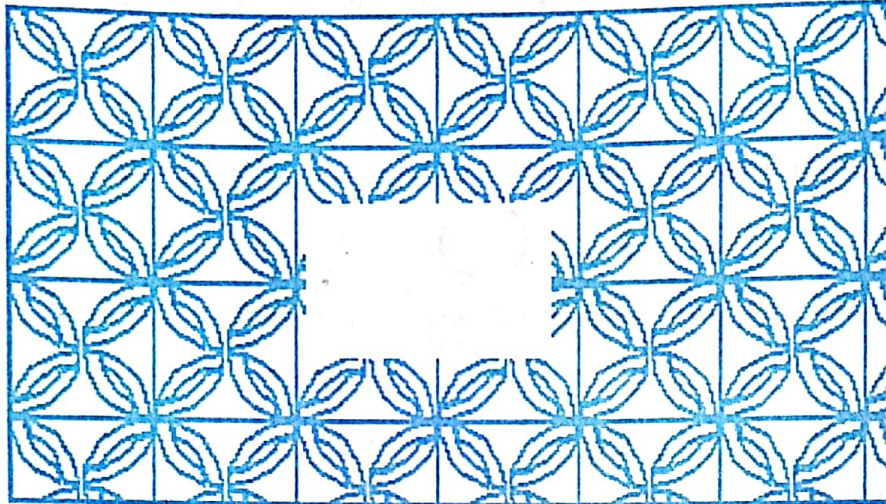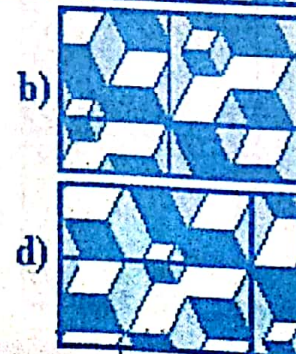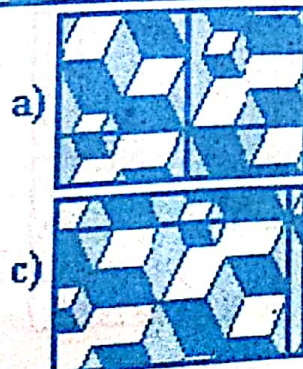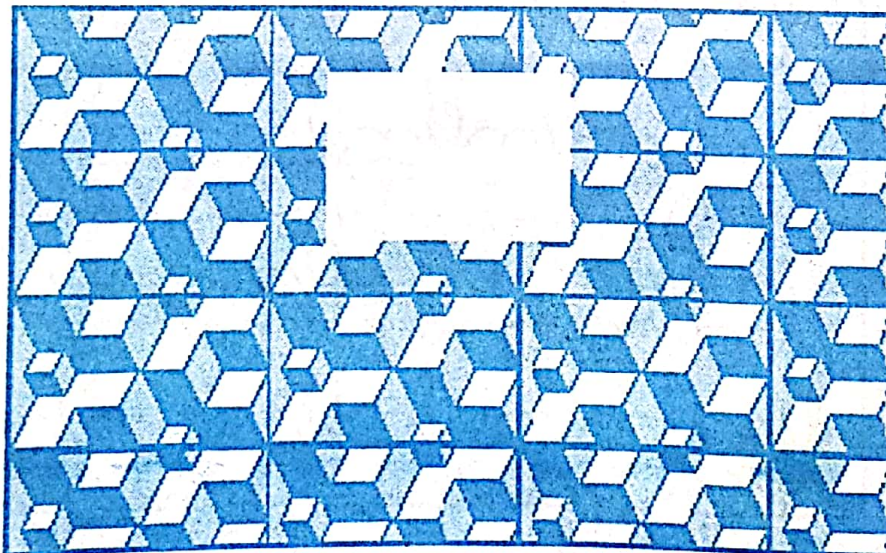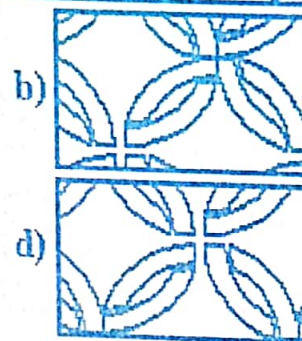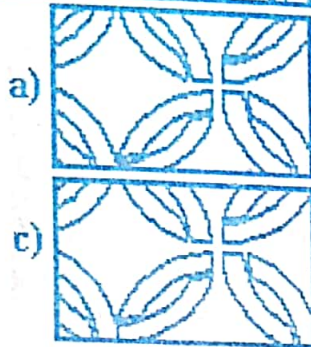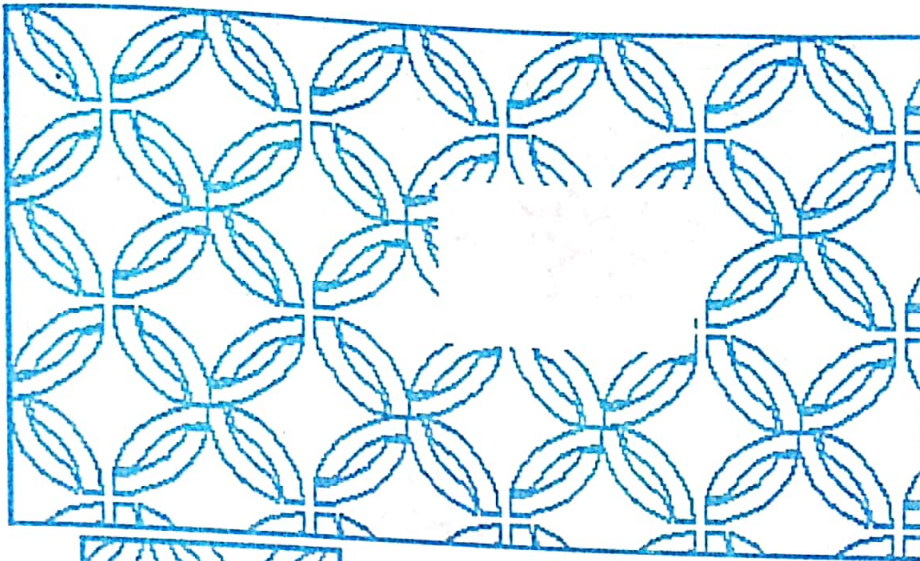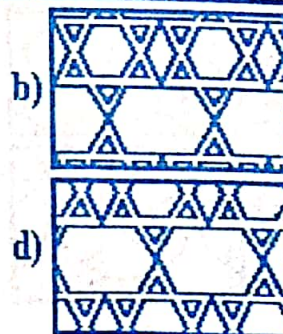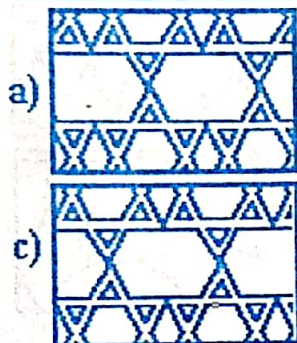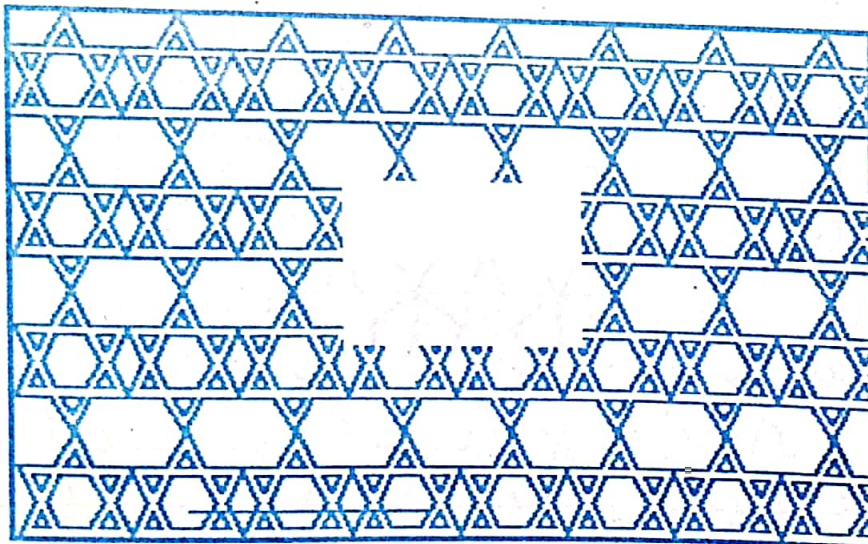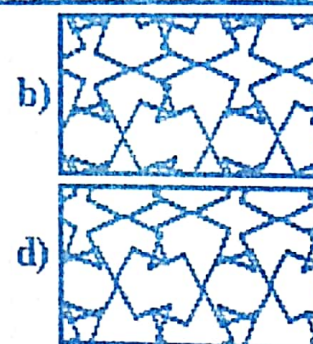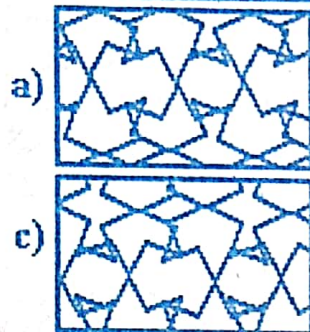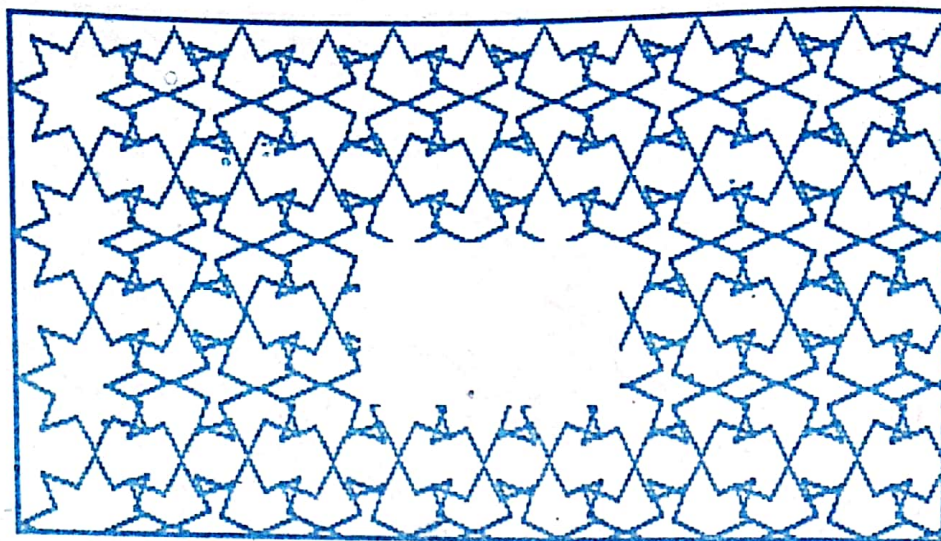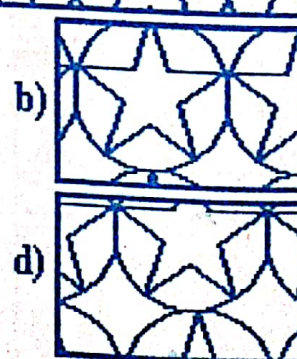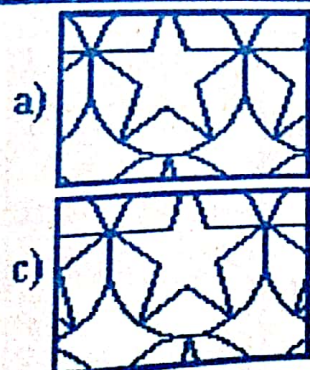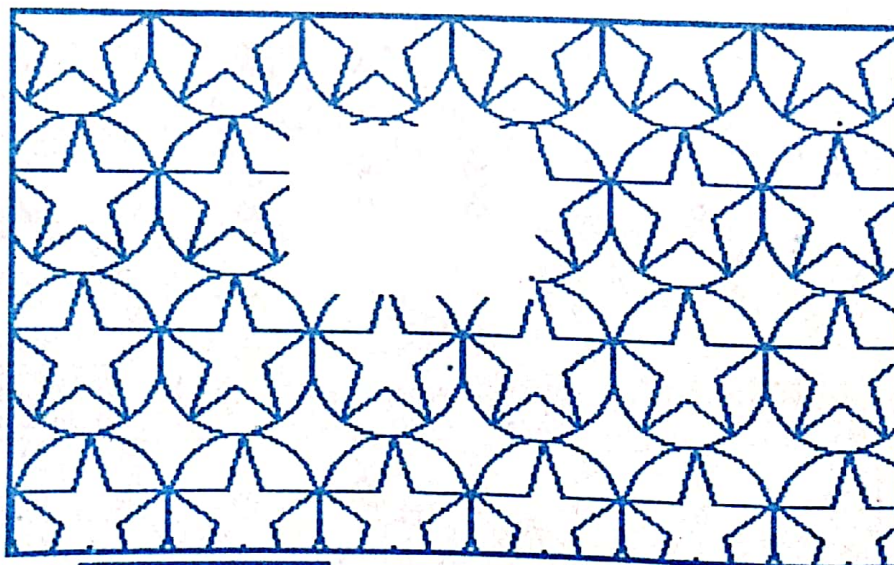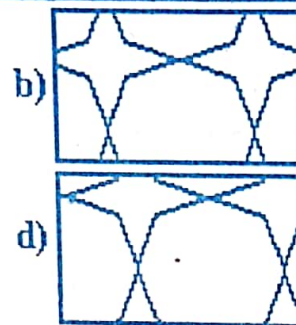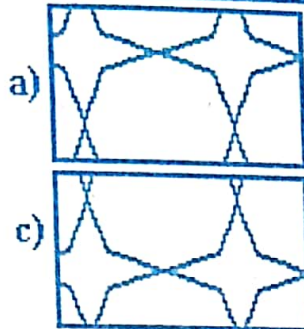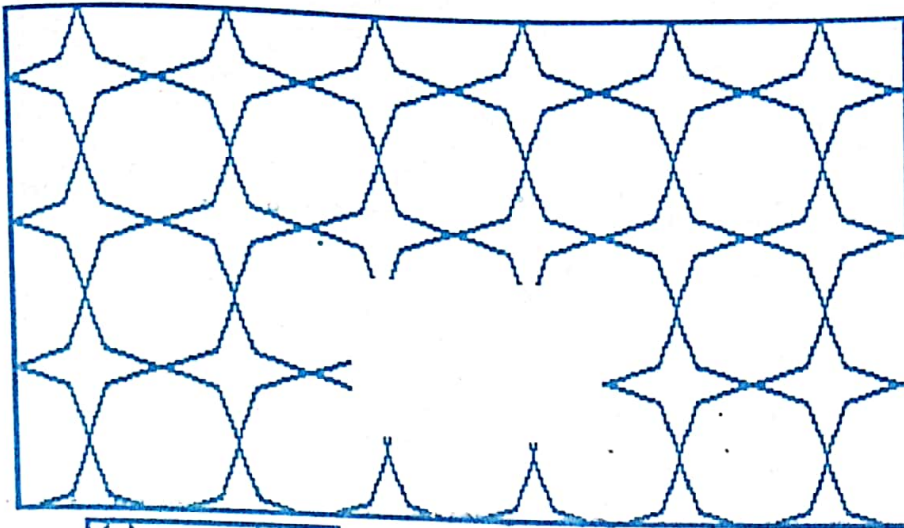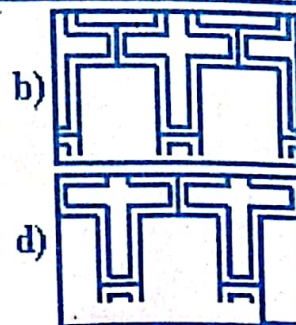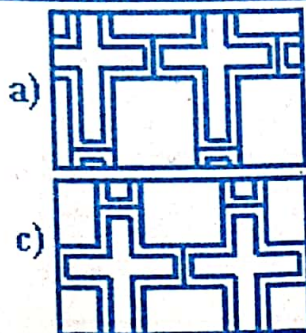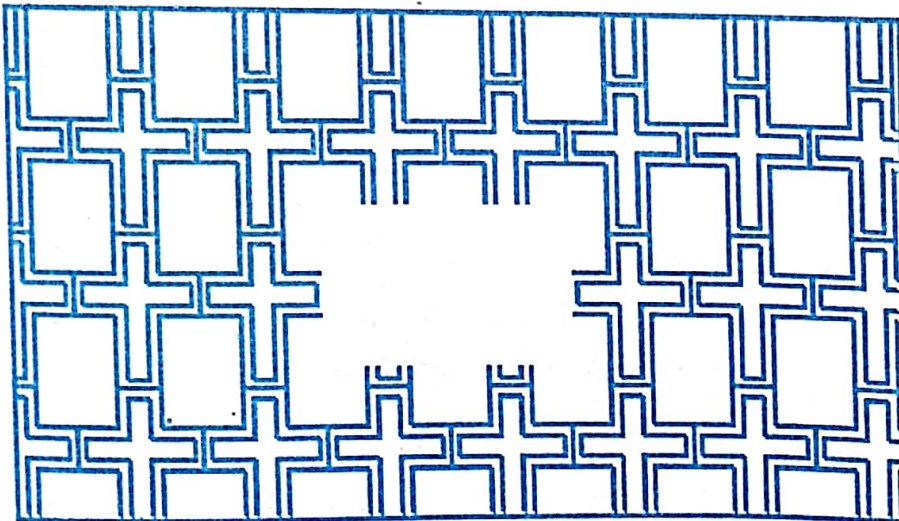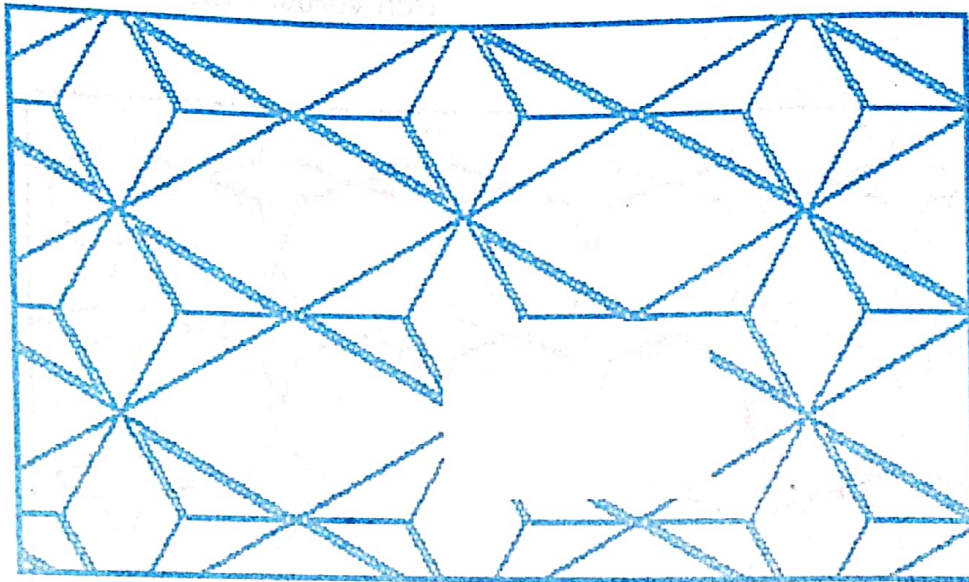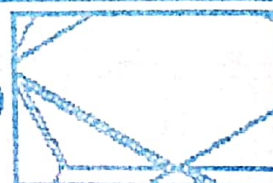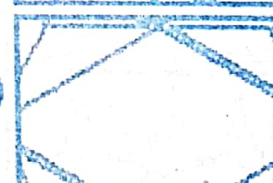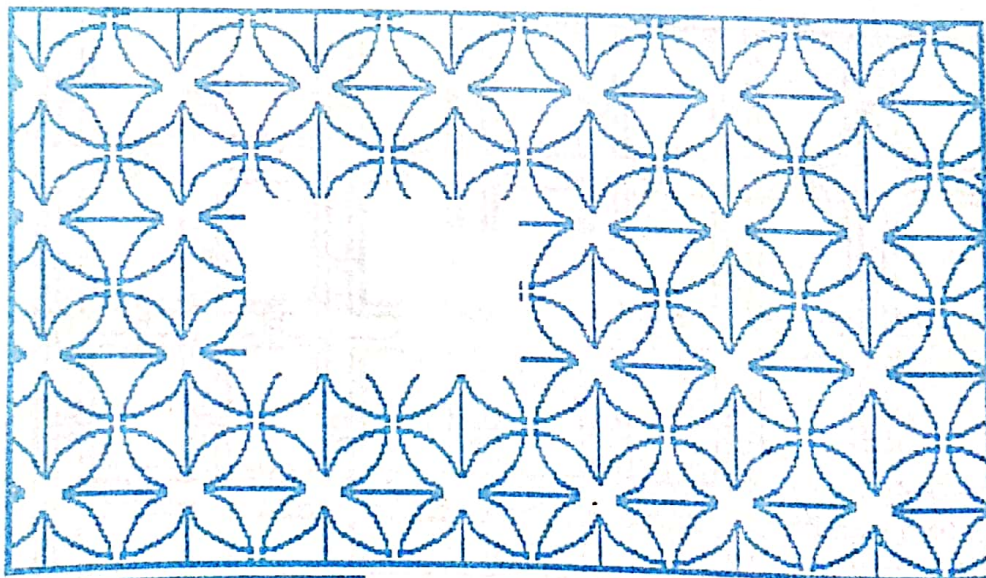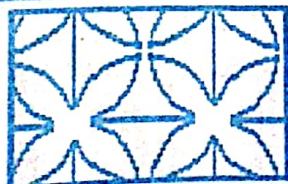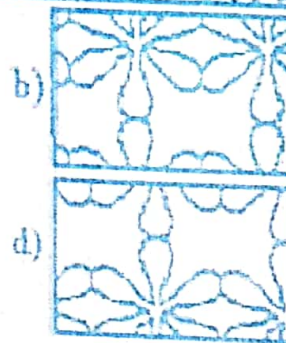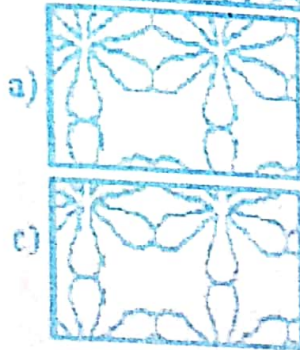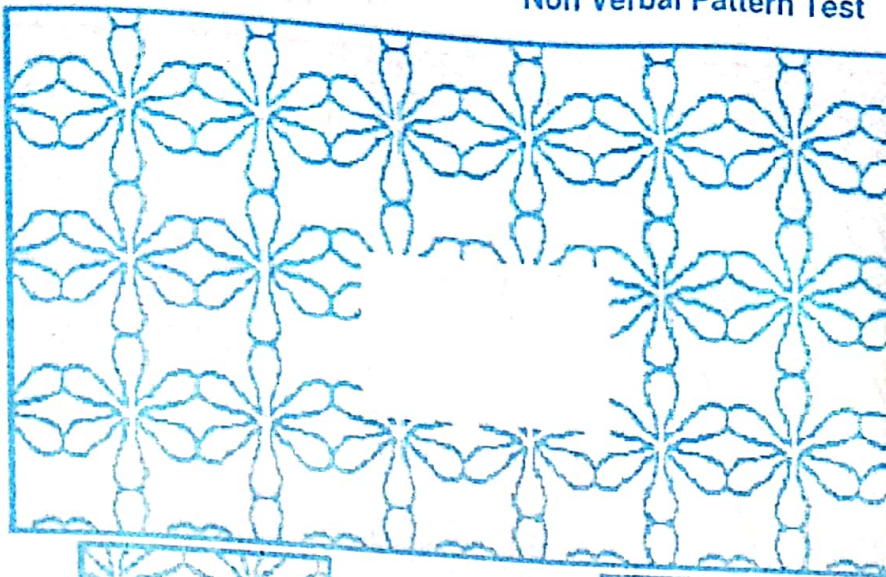
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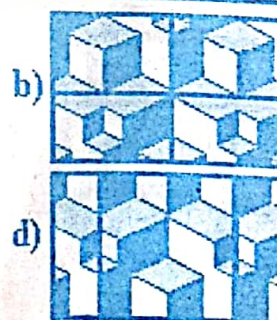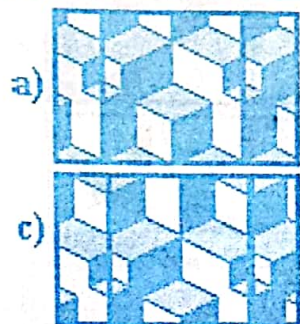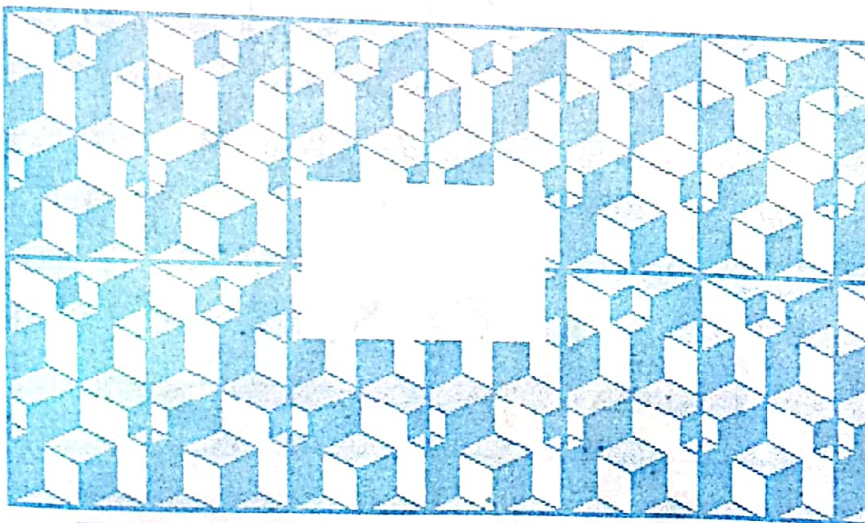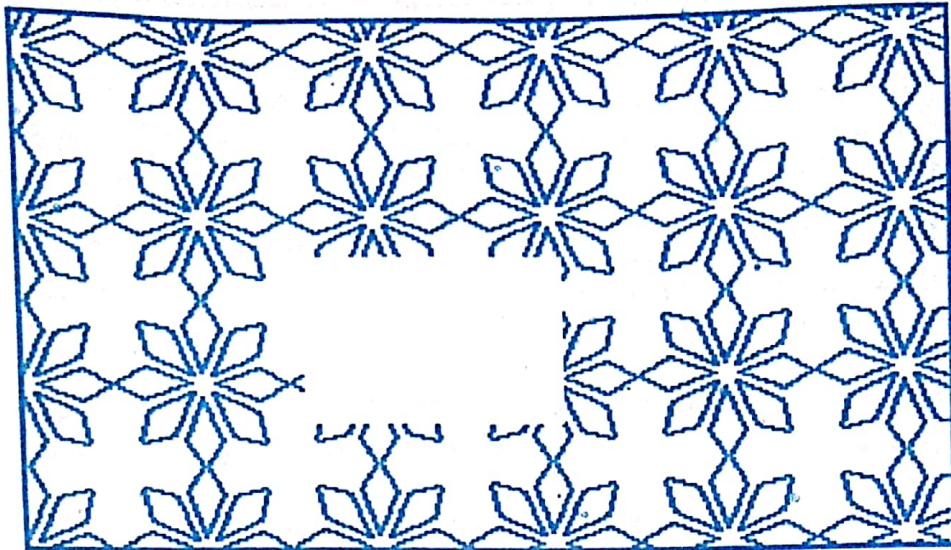
49)
a)
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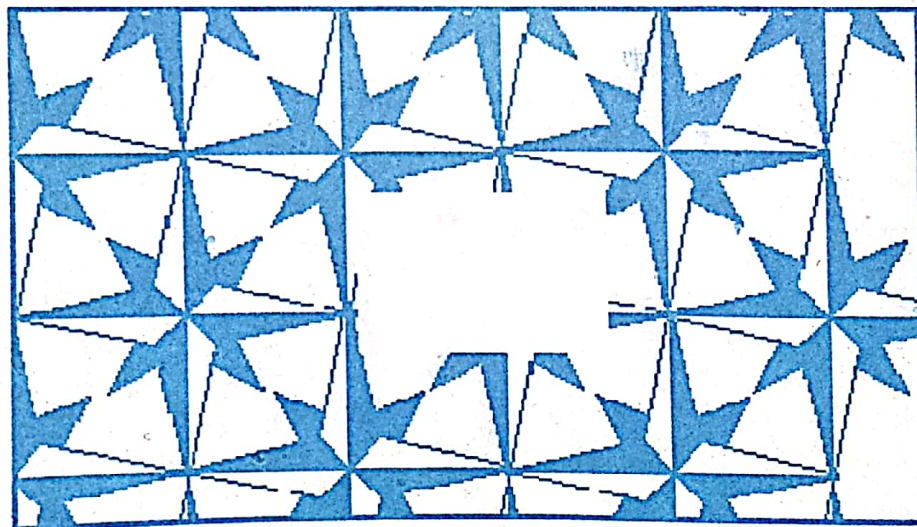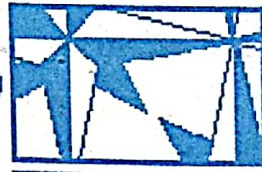
Non-Verbal Simple Test No 1

1) A: Sector with inside figure have been taken.
2) B: Join the dots in the same direction.
3) C: Each arrow direction is reversed.
4) D: Opposite shapes goes inside each other.
5) D: Outer figure got bigger & shaded, the inner figure reverses the position of the shading.
6) A: Sector with inside figure have been taken.
7) B: portions changes the direction in turns.
8) A: Each line and box is getting doubled.
9) A: Cross will come in the middle along with circles.
10) B: Rotate and half the number of outside shape.
11) C: Border is removed.
12) D: Shading shifts one place anticlockwise.
13) D: Rotate the shape clockwise.
14) C: The shading changes its position in turns.
15) B: Middle intersections have been cut and shaded.
16) A: Shading moves clockwise one position.
17) A: Shaded portions collected together.
18) B: Rotate the middle shape, triangle is doubled.
19) C: Outside shape goes in the middle.
20) D: Anticlockwise rotation of 90 degrees.
21) D: Shapes are replaced inside to the outside.
22) C: Shapes are replaced inside to the outside.
23) B: Flip upside down.
24) A: Outside shape goes half in size and gets the shading of the middle one.
25) A: Vertical Rotation.

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Non Verbal Simple Test No. 2

1) A 2) C 3) D 4) D 5) C 6) B 7) A 8)A 9) B
10) C 11) D 12) D 13) C 14) B 15) A 16) A 17) B 18) C
19) D 20) D 21) C 22) B 23) A 24) A 25) B

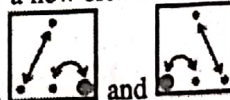
Non Verbal Simple Test No. 3

1) B 2) D 3) C 4) D 5) A 6) A 7) B 8) C 9) D
10) D 11) C 12) B 13) A 14) C 15) C 16) B 17) D 18) B
19) B 20) C 21) C 22) B 23) A 24) B 25) A

Non Verbal Simple Test No. 4

1) B 2) D 3) D 4) B 5) B 6) A 7) A 8) A 9) C
10) D 11) B 12) B 13) D 14) B 15) C 16) C 17) D 18) D
19) D 20) A 21) C 22) B 23) C 24) D 25) B

NON VERBAL SIMPLE TEST -5

1) D The number of black dots in each grid increases by 1 each time, starting with the top left grid and working to the right, top row then bottom row.
2) Hammer .The Hammer = 1, the File = 3 and the Axe = 5
3) E The element having trapezium at its end, rotates 135oACW and the trapezium gets inverted in each step. The other element rotates 135oACW in one step and it rotates 45oCW and the symbol at its end gets replaced by a new element in the next step

4) B The elements move in the sequences and alternately. Also, in each step, the element that reaches the encircled position, gets replaced by a new element.

5) D In each step, the symbols move in the sequence and the symbol that reaches the encircled position gets replaced by a new symbol.
6) E The small line segment attached to the main figure moves 2,1, 3,1, 4,... spaces CW sequentially.
7) Option D The bent pin gets laterally inverted and vertically inverted alternately and moves to the adjacent side (of the square boundary) in a CW direction in each step,. The curved arrow rotates 90oACW and moves to the adjacent side CW in each step. As for the third element - in one step the outer 'L' shaped symbol gets laterally inverted and in the next step the element gets vertically inverted. Or, similar figure reappears in every fourth step. So, after fig. (E), the fig. (B) should reappear.
8) A Two elements are added in each step, be it two lines, two arcs or one line and one arc.

9) E. In the first step, the elements interchange positions in the sequence . In each subsequent step, the elements move in the sequence obtained by rotating the previous sequence through 90oCW. Also, in each step, the element that reaches the encircled position gets replaced by a new element
10) Option **B** In each step, one of the elements-gets laterally inverted
11)B In one step, the figure gets laterally inverted and one line segment is lost from the upper end of the RHS portion of the figure. In the next step, the figure gets laterally inverted and one line segment is lost from the upper end of the LHS portion of the figure.
12): Option **B** Two, three, four, two, three,..... curves get inverted sequentially.
13): Option **A** Two and three half-leaves are added to the figure alternately. The addition of half-leaves takes place in an ACW direction.**14)** Option **D** In one step, a half-leaf is added to the figure at the ACW-end. In the next step, two half-leaves are added to the figure - one at the ACW-end and the other at the CW-end. Also, in each step, the figure rotates 45°ACW. **15)** Option **C** Similar figure repeats in every third step and each time a figure reappears it gets vertically inverted. **16)** Option **E** In each step, all the existing elements move to the adjacent side (of the square boundary) in a CW direction. The number of black circles decreases by one in first, third, fifth, ... steps and the number of arrows increases by one in second, fourth, sixth,... steps. **17)** Option **E** The arrow moves one, two, three, four, ... spaces ACW sequentially. The arrowhead changes in the sequence: circle -> arc -> triangle

-> circle -> ...**18)** Option **D** We shall assign numbers to the pins as : Then, in each step, the pins at positions 1,3 and 5 rotate 90°CW while the pins at positions 2,4 and 6 rotate 90°ACW. Also, in each step, a new pin is added to the figure and its orientations are the same as that of the pin ifig. (A) **19)** Option **D** The figure may be labelled as shown.

15) 3 (The other three shows a right hand rotated into various positions, three in left hand.)

16) 4 (All the other figures can be rotated into each other in the plane of the paper.)

17) 5 (All the other figures can be rotated into each other.)

18) 4 (All the other figures can be rotated into each other.)

19) 4 (All the other drawings can be turned upside down without making any difference.)

20) 3 (All the other figures can be rotated into each other.)

21) 3 (The figure rotates anticlokwise through half a quarter turn, but the black shading rotates one position further, except in 3, which is therefore the odd man out.)

22) 4 (All the other figures can be rotated into each other.)

23) 3 (All the other figures can be rotated into each other.)

24) 2,5 (All the other figures can be rotated into each other, 2 and 5 can not.)

25) 6 (All the other figures can be rotated into each other.)

26) 5 (All the other figures can be rotated into each other.)

27) 2,6,7 (All the other six figures can be rotated into each other.)

28) 2 (All the other figures can be rotated into each other.)

29) 2 (All the other figures can be rotated into each other.)

30) 1 (All the other figures can be rotated into each other.)

NON-VERBAL SIMPLE TEST NO-6

ODD MAN OUT TEST

1) 4 (The black, white and shaded portions rotate positions anticlockwise. In'4' the shaded and white portions are in the wrong positions.)

2) 5,6,8 (The outer six figures can be rotated into each other.)

3) 4 (All the other figures can be rotated into each other.)

4) 5 (All the other figures can be rotated into each other.)

5) 2 (All the other figures can be rotated into each other.)

6) 2 (All the other figures can be rotated into each other.)

7) 6 (All the other figures can be rotated into each other.)

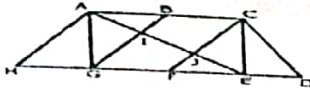
8) 1,6,8 (All the other six figures can be rotated into each other.)

9) 1 (All the other figures can be rotated into each other.)

10) 1,2 (All the other figures can be rotated into each other.)

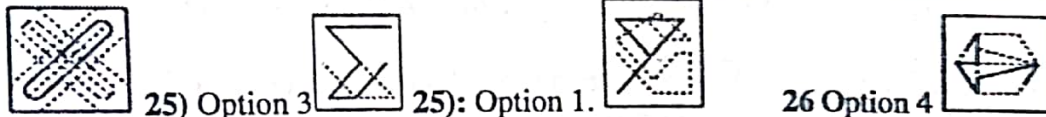
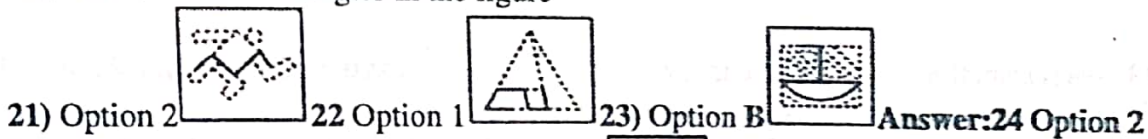
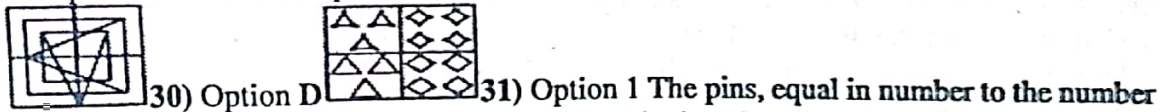
11) 3 (Each of other drawing follows the rule that the whole drawing is rotated through 90 degree each time, in 3 the shading goes the wrong way.)

12) 2 (All the other figures can be rotated into each other.)
13) 5 (The whole set of four circle is turned through and angle of 90 degree each time, In 5 the cross and 'x'have in addition changed places, in all the other figures the cross is in the same row as the black circle.)

14) 3 (All the other figures can be rotated into each other.)

The simplest triangles are AHG, AIG, AIB, JFE, CJE and CED i.e. 6 in number.The triangles composed of two components each are ABG, CFE, ACJ and EGI i.e. 4 in number.The triangles composed of three components each are ACE, AGE and CFD i.e. 3 in number. There is only one triangle i.e. AHE composed of four components. Therefore, There are 6 + 4 + 3 + 1 = 14 triangles in the given figure.20)

Option **D** The figure may be labeled as shown.
The simplest triangles are AJF, FBG, GCH, HDI and IEJ i.e. 5 in number.The triangles composed of three components each EBH, AIC, EFC, ADG and BJD i.e. 5 in number.Thus, there are 5 + 5 = 10 triangles in the figure

21) Option 2 **22** Option 1 **23)** Option **B** **Answer:24** Option 2

25) Option 3 **25):** Option 1. **26** Option 4

27 Option **B** **28** Option **D** **29):** Option 4

30) Option **D** **31)** Option 1 The pins, equal in number to the number of sides in the main figure are attached to the midpoint of a side of the main figure in case of figures (2), (3), (4) and (5). In fig. (1), these pins are attached to a vertex of the main figure **32)** Option 2 **33)** Option **B**

34: Option 2 Each one of the figures except fig. (2), consists of five arrowheads

35) Option 3 Only in fig. (3), the line segment is not a diameter of the circle **36): Option 2** In each one of the figures, except fig. (2), the number of sides in the inner element is one more than the number of sides in the outer element **37)** Option 4 Each one of the figures, except fig. (4), is formed by three line segments. **38)** Option 1 All other are vowels

39) Option 4 In each one of the other figures, one of the two elements is made of dotted lines. **40)** Option 5 All others are punctuation mark.

41) Option 5. Only fig. (5) consists of equal number of black and white pins. **42) -4** Each object in the series consists of 3 shapes. The logic of the sequence is defined by the relations between theses shapes. The external shape appears as the middle shape in the next frame; the middle shape disappears in the next frame; the inner shape determines the external shape two steps forward, e.g. the inner pentagon in the first frame appeared as the external shape in the third frame.**43)** 5All frames besides frame 5 are symmetrical, which means that they can be crossed somewhere by a straight line that will divide them into two similar parts (mirrored). There is no such option in frame

44) Option 2 **Answer 45)** 2

46 Option 1 In each step, one line disappears from the upper part of the figure and one line is added to the lower part of the figure.**47):** Option 1. **Answer:48)** Option 4

49) Option 4 **Answer:50)** Option 1

Non Verbal Pattern Test No. 1

1) A 2) B 3) C 4) B 5) A 6) D 7) B 8) D 9) C
10) D 11) D 12) C 13) C 14) B 15) D 16) A 17) D 18)D
19) A 20) A 21) C 22) B 23) B 24) A 25) D 26) B 27) A
28) C 29) A 30) A 31) B 32) C 33) C 34) D 35) C 36) B
37) D 38) D 39) B 40)B 41) A 42) B 43) C 44) C 45) C
46) B 47) C 48) B 49) A 50) D